



MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Dabwali Road, Bathinda (Pb.) - 151001

(Estd. by Govt. of Punjab Vide Punjab Act No. 5 of 2015) ONLY TECHNICAL UNIVERSITY OF PUNJAB HAVING UGC APPROVAL UNDER 2(f) AND 12 B OF UGC ACT, MEMBER AIU.

Think Excellence, Live Excellence

Library & E-resources Policy



Prepared by:

INTERNAL QUALITY ASSURANCE CELL

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

(DABWALI ROAD, BATHINDA (PB.)- 151001)

POLICY DOCUMENT FOR CENTRAL LIBRARY



2021

**INTERNAL QUALITY ASSURANCE CELL
MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
BATHINDA 151001**

POLICY DOCUMENT FOR CENTRAL LIBRARY

Prepared by:

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- Dr. Shweta Rani, Department of ECE, GZSCCET, MRSPTU, Bathinda
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INTERNAL QUALITY ASSURANCE CELL

POLICY DOCUMENT FOR CENTRAL LIBRARY

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A. To suggest procedure for effective utilization of e–resources at library.

- Reminders may be issued to all teaching departments from time to time for maximum utilization of e – resources subscribed by central library.
- Every Head of teaching department may depute a faculty member for the promotion/encouragement of utilization of e – resources.
- A period may be added in time – table for use of e – resources by students.(at least one in a week)
- Orientation programs may be conducted at regular intervals for improving utilization of e – resources.

B. To suggest way for Automation of Library Services.

- A free of cost software *namely* **E GRANTHALYA** of NIC (National Informatics Centre), New Delhi is already installed and has been working successfully since year 2016. Many functions of library e.g. providing Library Membership, Circulation of Books, Processing of Books, Reference Service etc. are performing by using software.
- **OPAC (online public access catalogue)** is already functional in library. Computer systems/touch screens may be installed at entrance of the library for users to save time and energy of the users.
- A high end Library Service cum Security System *namely* **RFID (Radio Frequency Identification)** may be installed in new building of Library. It will cost approx. 40 to 50 lacs.

C. To establish Plagiarism checking facility at Library.

- Keeping in view, acute shortage of Technical/Professional staff in Central Library, MRSPTU, the work relating to Plagiarism is assigned to Director, IT enabled Services vide Order no. 2680 dt. 25/07/19 of Registrar Office. (copy enclosed)

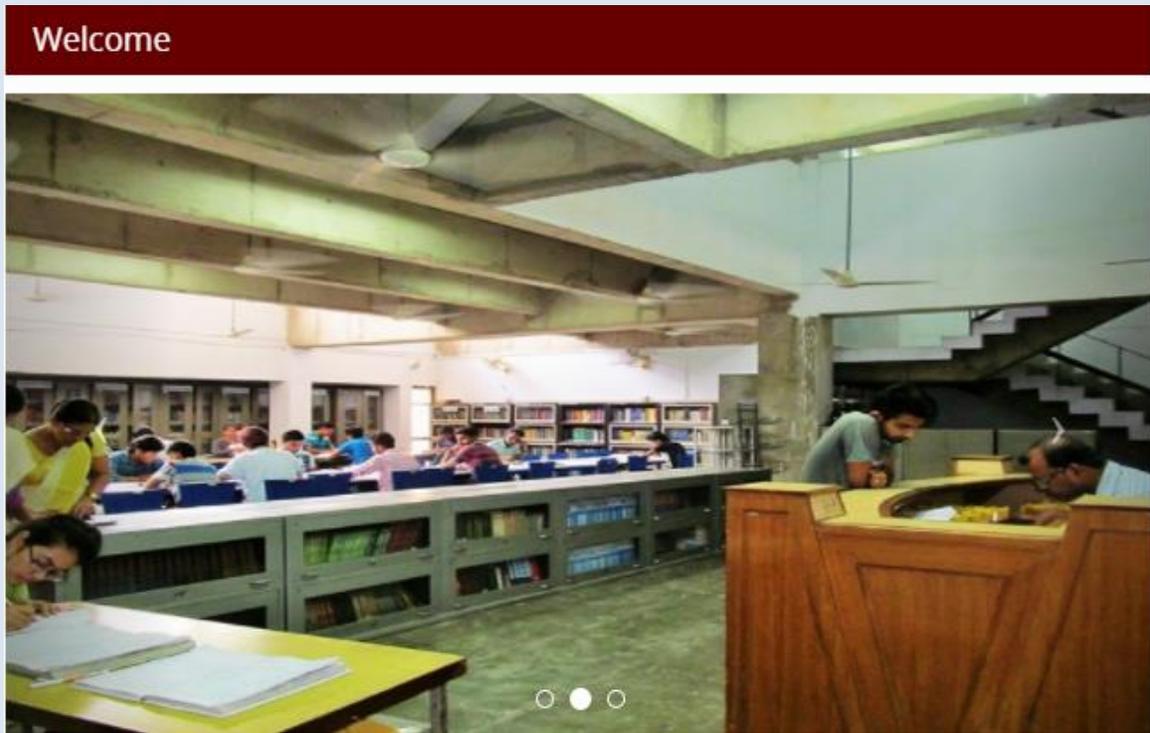
D. To suggest process for smooth procurement of books

- An e – mail is received from VC office on dated 23/06/2020 regarding Library Regulations. On the basis of this, a Library Advisory Committee is constituted for the

aforesaid purpose. Through this committee, a panel of vendors is prepared and approved by Honorable VC Sir.

E. To draft Library and E – Resource Policy

Library Handbook GZSCCET, MRSPTU, Bathinda



Compiled and Edited By

Dr Naresh Garg (Professor, CSE cum Professor Incharge, Library)

Dr Shweta Rani (Assistant Professor, ECE)

Er Anumeet Kaur (Assistant Professor, ECE)

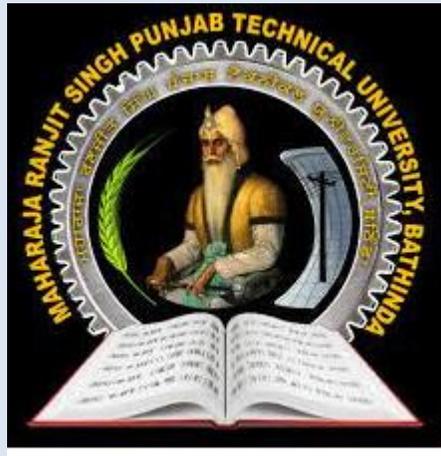
Mr Rajan Bansal (Library Assistant)

Central Library

GZSCCET, MRSPTU, BATHINDA

2021

Giani Zail Singh Campus College of Engineering & Technology (mrsptu.ac.in)



GZSCCET, MRSPTU, Bathinda

2021

GianiZail Singh Campus College of Engineering & Technology (mrsptu.ac.in)

Published By:

Central Library

GZSCCET, MRSPTU

Dabwali Road, Bathinda, 151001

Website:<https://www.mrsptu.ac.in>

Email: librarian@mrsptu.ac.in

Ph. 8725072408, 8725072409

Vision

Mission

About the Central Library

Library Hours

Physical Infrastructure, Layout and Floor Plans

Library Membership and Circulation: Policies

Library Rules and Regulations:

E-Resources Access Rules

Collections and Resources

Library Services and Facilities

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Advisory Committee for the Library (ACL)

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Institutions/Organizations**

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VISION

The vision of the Central Library, GZSCCET, MRSPTU, Bathindais to inspire teaching, learning and creativity through information resources and services.

MISSION

With an inclusive and supportive environment the library provides sharing of knowledge and development of life long skills for the betterment of global society.

About the central library

The library was established the year 1989.

The library has a collection of over 50,000 Volumes of reference, text books related to engineering and allied subjects. The library amazingly rich collection contains E-resources, Textbooks, BIS codes, VCD, Encyclopedias, Directories, Yearbooks and Biographical sources and General Books including novels. It is also subscribing for 78+

Technical journals, general magazines. Library subscribes full text online database i.e. IEEE, Elsevier (Science direct Pharmacy), ASCE, ASME, Textile Complete Technology, Scopus and has Pearson e-Books also. The library is a member of DELNET and NDL. Electronic library has 23 systems to access the E-Journals, E-books, CD/DVD's etc. Library & Information Centre provides uncompromising information and intellectual requirements to its students and faculty with a user-friendly approach. It offers a fully integrated and dynamic environment for conducting academic study. Multiple copies ensure that resources are easily available in Reference Section and Stack Section as well. Library has an independent Reading Hall. The Periodical Section of library is housed in a separate hall which has books especially of Architecture and Textile Engineering along with printed journals, News Paper and Common Magazines. CCTV Surveillance System is installed in Library.



Library hours

The Library remains open throughout the year except gazette holidays & Sundays as follows:

Main Library	9 am to 5 pm (Monday to Friday)
Reading Hall	(a) 8 am to 11 pm (Monday to Friday) (b) 9 am to 5 pm (Saturday) (c) 24x7 days (during examination)

Physical infrastructure, layout and floor plans

The Central Library was setup in 1989. It offers a fully integrated and dynamic environment for conducting academic study. Library & Information Centre provides uncompromising information and intellectual requirements to its students and faculty with a user-friendly approach. CCTV Surveillance System is installed in Library. The floor-wise distribution of services and resources of the Library is given below:

Ground floor houses the following important sections and facilities:

- **Circulation Section**
- **Reference Section**
- **Periodical Section**
- **E-Library**

First floor

Houses the following important sections and facilities:

- **Reading Hall**
- **Book – Bank**
- **Stack Area**

Library Membership and Circulation

(Policies and Guidelines)

All students, faculty, and employees of the Institute are entitled to the membership of the Library.

Entitlement for Number of Books to be Borrowed and Loan Period are given below:

Category of Member	No of Books issued
Students	
From main library	03 books
From Book bank	03 books
Teaching staff	
Regular basis	10 books
Contract basis	05 books
Consolidated basis	03 books
Non-Teaching staff(Group wise Category)	
A	05 books
B	04 books
C	03 books
D	02 books

Library rules and regulations

1. Silence is to be maintained.
2. No discussion permitted inside the library.
3. Registration is to be done to become a library member prior to using the library resources.
4. No personal belongings are allowed inside the library.
5. Personal textbooks, printed materials and issued books are not allowed to be taken inside the library except the Laptops/Tablets and Note Books.

6. Any student found guilty of keeping a book or other library material illegally with him/her, entry will be banned and strict action will be taken.
7. Using Cellular phones and audio instruments with or without speaker or headphone is not allowed. Switch off the same while entering the library premises.
8. Enter your name and Sign in the register kept at the entrance counter.
9. Show the books and other materials which are being taken out of the library to the staff at the entrance counter.
10. The librarian may recall any book from any member at any time and the member shall return the same, immediately.
11. Library borrower cards are not transferable. The borrower is responsible for the books borrowed on his/her card.
12. Refreshment of any kind is not allowed anywhere in the library premises.

Admission to library

Students are allowed to library only on production of their authorized/valid Identity Cards.

Circulation issue system

Books will be issued on presentation of the library card. Students are instructed to check the books while borrowing and they will be responsible for any type of damage or mutilation noticed at the time of return.

Book return after due date

Borrowed items by students must be returned on or before the due date failing which the borrower may lead to denial of borrowing facility for a period to be decided by the Librarian.

Duration of issue/return

1. Book from the Text Book Section and Book Bank is issued for full (current) semester.
2. The borrower can return/exchange the issued book before the due date.
3. The books from Reference, Architecture and Textile section are issued only for overnight period.
4. The books marked as consultation will not be issued.
5. Librarian can recall any book if in demand by other member/s.

All the students are required to return all library books before the start of next/new semester.

Book Loss

1. If a book is lost, then the borrower shall replace it by a **new book** the same edition or latest edition or pay the cost of the book as per library record.
2. The amount will only be taken if the book is not available in market.
3. If a book is a part of the volume set, the reader will have to replace the volume of same edition or pay the amount as per the library record i.e the price of the volume or the price of the volume set.

Care of library borrower cards

Take special care to maintain the library borrower cards. Do not fold, alter entries made on the cards, Members are responsible for the entire set of library borrower card issued to them.

Loss of borrower card

There will be NO DUPLICATE Card issued on loss of library card except in case of damage of card and producing the same with an application for duplicate card. Any books issued on lost card will be the responsibility of the card holder.

Validity of cards

Library borrower cards are valid for the respective session of the academic course of the member. At the end of the academic course the borrower cards shall be returned to the library before the start of final semester examinations. Librarian can cancel /withhold the card of a member in case of not following the library rules.

No due certificate

Each student shall obtain "No Dues Certificate" from the library after returning all the books issued, surrendering the borrower's cards and after paying outstanding dues, if any.

Care of library books

1. Students are required to handle the books/ Journal very carefully
2. Marking with pencil; writing or highlighting, tearing the pages or mutilating the same in any other way will be viewed very seriously. In such case, reader shall be held responsible unless these are brought to the notice of the library staff at the time of issue.

Book bank

1. SC/ST students of college can become a member of the book bank only after receiving the required information from Academic Section.
2. Members of the book bank will be issued 03 textbooks for each semester.
3. Books shall be returned within two days after the theory examination except for the student of final semester who have to return the books to the library before the start of final semester examinations.

E-resources access rules

Restrictions on access and downloading of licensed e-Resources

The e-Resources are licensed for the non-profit educational use of the Institute. Copyright law governs use of these e-Resources.

1. Systematic downloading, distributing, or retaining substantial portions is not allowed.
2. Forwarding electronic versions of articles or the use of electronic articles for commercial purposes not permitted.
3. To download entire journal issue or databases or an entire e-book is strictly prohibited improper use can result in denial of access for the whole Institute to all electronic journals from a given publisher.
4. Access to e-Resources is based on license agreements with publishers.
5. Library users are permitted to make digital copies of individual documents, that is, to download an individual document temporarily to their own hard disc for non-commercial purposes only.
6. Under the terms of use it is neither permitted to forward electronic versions of articles nor the use of electronic articles for commercial purposes.

*The publishers keep track of patterns of use and where the publishers suspect misuse in the form of systematic downloading (e.g. more than one article from an issue, continuous downloading from a particular journal etc.). The publishers may cut off the access to the resources and may take action on violation of rules. Moreover it takes longer time to convince the publisher for restoring the access.

Collections and resource

The Central Library, GZSCCET, MRSPTU, Bathinda has strong collections pertaining to sciences, engineering, technology, computer technology, management etc. with unique collection as mentioned below.

Circulation section

Issue-return of Books is Automatic. The software E-Granthalya of NIC, Delhi is in operation since the year 2016. A total of 18125 books are issued for the period of the Report.

Periodical section

Hard Copies of 78+ Journals and Common Magazines are Subscribed in the Library.

Book – bank

Library has a separate Circulation facility *namely* BOOK-BANK exclusively for the students belongs to Reserved Category. Book Bank has 7,941 volumes of Books.

E-library

The E library has 23 PCs with high speed internet connectivity, a multi-functional, coloured printer and a laser printer.

Subscribed e – resources

The library subscribed and provided access to the following online electronic resources to its users during the year 2021.

- **IEEE:** IEEE-All Society Periodicals (ASPP)

Link & Logo: <https://ieeexplore.ieee.org/Xplore/home.jsp>



- **ELSEVIER – SCIENCE DIRECT PHARMACY:** ELSEVIER-SCIENCEDIRECT (Pharmacy)

Link & Logo <https://www.sciencedirect.com/>



- **ASCE (American Society of Civil Engineers)**

ASCE e Journals Link & Logo : <https://ascelibrary.org/>



- **ASME (American Society of Mechanical Engineers)**

Link & Logo: <https://asmedigitalcollection.asme.org/>



- **Textile Journals Complete**

Link & Logo: <https://search.ebscohost.com>



- **Scopus**

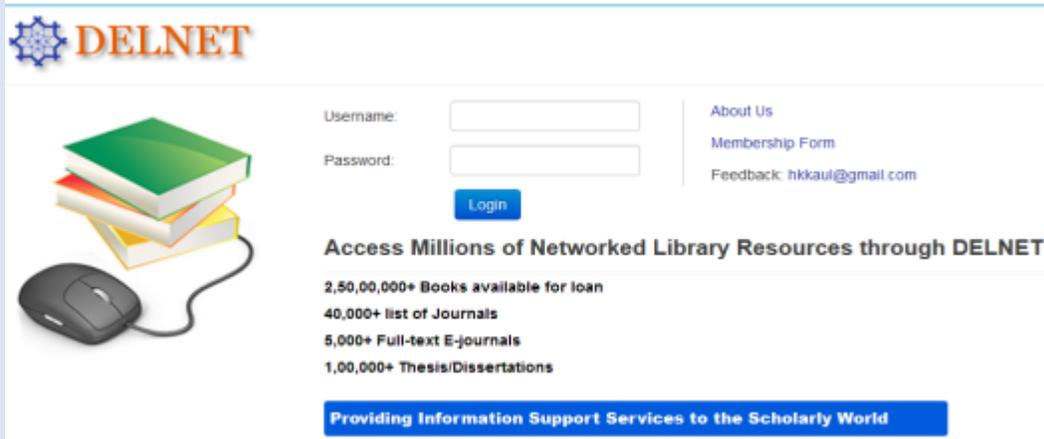
<https://id.elsevier.com/>



DEVELOPING LIBRARY NETWORK (DELNET) MEMBERSHIP (SINCE 2007)

The Central Library, GZSCCET, MRSPTU, Bathinda is a member of DELNET. The users at the GZSCCET can access databases hosted by DELNET at <http://164.100.247.26/Search/Home>





DELNET Log-in Page

National Digital Library (NDL) Membership

eBook collections are also available through the National Digital Library of India (NDL): Library has the institutional membership of NDL Club. <https://club.ndl.iitkgp.ac.in/sign-up> Passkey: --
48db7952-f0f5-45e8-a53d-337c9f585808

E-BOOKS

Library is having 658 titles of e-books of Pearson Publisher for Engineering and Allied Subjects with link: <http://ebookcentral.proquest.com/lib/gzsptuc>

**Home Page of the Central Library, GZSCCET, MRSPTU,
Bathinda** [HTTP://LIBRARY.MRSPTU.AC.IN/](http://LIBRARY.MRSPTU.AC.IN/)

Web Page has complete information regarding

- Web OPAC of Books,
- Library Layout,
- Library Staff and contacts,
- Library Rules,
- E-resources both e-journals and e-books link and how to use these.
- DELNET services,

- Collection detail,
- useful links,
- Library Documents Collection detail including list of hard copies of Periodicals,
- Library requisition Performa of books and journals.

Library Services and Facilities

OPAC (Online Public Access Catalogue)

The Library's Online Public Access Catalogue (OPAC) can be accessed on Intranet and Internet to search all the records available in the Central Library database through a web-based search interface. The OPAC can be searched by author, title, subject, keywords, classified number, publisher, etc. The OPAC also provides information about new arrivals of journals/books, etc. in the Library. The Web OPAC can be accessed at <http://172.30.153.197/> or through <http://library.mrsptu.ac.in/>

How to Access the Library Web OPAC

- User should type the IP address mentioned above in the internet explorer address bar.
- After clicking on above mentioned link OPAC screen will pop up on your computer
- Click the OPAC and put the fields you required on Author, Title, Edition, etc. you will get details of book availability.

Contact us: The Library Team

Sr. No	Name	Qualification	Designation/ Date of Joining/ Experience	Photograph	Contact
01.	Dr.Naresh Kumar Garg	Phd	Professor Incharge, Library		94630-77886
02.	Sat Narain	M.A, B.Lib.Sc	(1) Library Assistant/ 28.12.1992/ 12 Years (2) Assistant Librarian/24.12. 2004/16 Years		94172-06770 librarygzscet@gmail. com
03.	Manjit Singh	M.A, M.L.I.Sc	Library Assistant/ 24.12.1992/28 Years		94170-60751 manjitsinghlib@gmail. com library2_ptugzs@hot mail.co.uk
04.	Rajan Bansal	M.Com, M.Lib.I.Sc, UGC NET (LIS)	Library Assistant (Contract Basis) /15.01.2009/ 12 Years		98723-02432 <a href="mailto:rajanbansal.lib@mrsp
tu.ac.in">rajanbansal.lib@mrsp tu.ac.in
05.	Jaspal Kaur	Primary Education	(1) Peon/ 31.08.2001/16 years (2)Lab		9803337738

			Attendant/ 10.10.2017/ 03 years		
06.	Ramandeep Rani	M.C.A M.Lib.I.Sc	(1) Lab Attendant (Outsourced)/ 26.05.2013/ 03 years (2) Clerk (Outsourced) /04.03.2016 /05 Years		7888996255 ramandeeprani.lib@mrsptu.ac.in
07.	Shiv Parsad	Matric	Lab Attendant (Outsourced)/ 01.11.2020/ 07 Months		8699461289

OFFICIAL CONTACT NOS. OF LIBRARY 87250-72408, 87250-72409

OFFICIAL E – MAIL ID OF LIBRARY librarian@mrsptu.ac.in

Advisory Committee for the Library

A Library Advisory Committee is constituted with reference to clause 40.1 of Library Purchase Rules (Chapter VI) of the draft regulations approved for MRSPTU, Bathinda by the BOG of the University as follows: (vide letter no. 1460 dated 13/07/2020 of Office of Registrar, MRSPTU)

- **Dr. Sanjiv Kumar Aggarwal (Chairman)**
(Professor Incharge, Academics)
- **Dr. NareshGarg (Member)**
(Professor Incharge, Library)
- **Dr. Sandeep Kansal (Member)**
(Professor Incharge, Finance and Purchase)
- **Dr. Iqbal Singh Brar (Member)**
(Librarian, MIMIT, Malout)
- **Sh. Vivek Goyal (Member)**
(Assistant Registrar, Accounts)
- **Sh. Sat Narain (Convener)**
(Assistant Librarian, Library)

Orientation/Awareness Programs Conducted by Library

Library has conducted Orientation/awareness programs regarding services of the Library at regular intervals.

Orientation program for the new batch of 2019

Group (G2) Incharge: Dr. Manoj Sharma (ECE)

Venue: S2

1st Week (1-7 Aug, 2019)

	1	2	3	4	5	6	7	8	9
Thursday (1 Aug)	Hostel Allotment and Adjustment (All wardens pl make it convenient), Reception in The college and Parents Meeting with College Authorities from 11.00 AM to 12.00 NOON at Conference Hall (Coordinator: Academic Section with Welcome flex and university folders with all necessary contact nos and CBCS booklets), Tea by Chief warden Office								
Friday (2 Aug)	Visiting College, Departments, Meeting Teachers, Mentors- Mentee Meetings, and HODs Address Venue: Respective Departments					Lunch	NSS (Ar. Ranjeet Kaur/Dr. Meenu)	Book Readings (Library) Under Supervision of Deptt Head/ mentor)	
Saturday (3 Aug)	Bathinda Darshan (Visit to Talwandi Sabo, and Deer Safari) – Incharge Dr. Bhupinder Pal Singh, Assistance: Ms Satveer Kaur Supporting Deptt: Textile, Mechanical & Civil								
Sunday (4 Aug)	Weekly Off								
Monday (5 Aug)	CS (Humanities)	HV (Humanities)	Deaf & Dumb Visit (NSS)	Deaf & Dumb Visit (NSS)	Deaf & Dumb Visit (NSS)	Lunch	Formal Directors Address, DSW and Dean academic (University and College Regulations) Venue: Conference Hall, Inch: Director's Office		
Tuesday (6 Aug)	CS (Humanities)	HV (Humanities)	Physics for Everyone (Inch: Physics Deptt)			Lunch	Library (Lecture) (Library Incharge) with special focus on MOOCS, NPTL and SWAYAM applications	Library Visit (Library Incharge to make sure that the library card be prepared at the earliest)	
Wednesday (7 Aug)	CS (Humanities)	HV (Humanities)	Alumni Talk (Dr. Jatinder Kaur/Dr. Rk Bansal)	Col Harish/other (Exp Lecture) (Dr. R K Bansal)		Lunch	NCC (Lt Rajeev/Lt. Vivek Kaundal)	Book Readings (Library) Under Supervision of Deptt Head/ mentor)	

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Orientation Program for New Batch of 2020

Schedule of one Week Student Induction Program (SIP) from 28 th September to 2 nd October 2020																
	9:30 AM	10:00 AM	10:30 AM	11:00 AM	11:30 AM	12:00 PM	12:30 PM	1:00 PM	1:30 PM	2:00 PM	2:30 PM	3:00 PM	3:30 PM	4:00 PM	4:30 PM	5:00 PM
28 th Sep. 2020 (Monday)	Student's Welcome Videos Univ. & GZSCCET (SIP with all batch Advisors)	Inaugural Function					Break			Introduction of MRSPTU/GZSCCET		Sports (Dr. Sukhwinder Singh)				
29 th Sep. 2020 (Tuesday)	Know Your Department (HoD)	Alumni Interaction (HoD)	Activity (SIP)	Examination Rules Part-1 (Dr. Harish Garg)		Break			Chief Warden (Prof. Devananda Uttam)	Cultural (Dr. Amitoz Singh)						
30 th Sep. 2020 (Wednesday)	Motivational Lecture	Stress Management & Hygiene (Dr. H.M.Garg)		Examination Rules Part-2 (Dr. Harish Garg)		Break			Communication Skills (Prof. Neha Narang)		NCC (Lt. Vivek)					
1 st Oct. 2020 (Thursday)	Lecture by Stream Expert (HoD)	Human Values (Prof. Aruna Varshney)		Motivational Lecture		Break			Univ. IELTS Programm	NSS (Dr. Meenu)						
2 nd Oct. 2020 (Friday)	Bathinda Darshan (Dr. Bhupinderpal Singh, Arch)	Director Training and Placement (Mr. Harjot Singh)	Library, Online Resources (Dr. Naresh Garg)		Break			Gandhi Jayanti Celebration (Dr. Manish Sharma) Chairperson Department of Gandhian and Peace Studies Panjab University	Valedictory Function							

MOUs/Agreements:

(With Other Institutions/Organizations)

- **Central library of GZSCCET, MRSPTU, Bathinda has Membership of Council of Educational Associates (CEA) of Indian Institute of Technology (IIT), Ropar.** Under this, library resources of institute can be shared (vide letter no. IITR/PR/2021/ICSR&II/4101 dated 24.02.2021 of IIT, Ropar)
- **Central library of GZSCCET, MRSPTU, Bathinda has established SWAYAM NPTEL local chapter** since 20.05.2019. Through this, different online courses under SWAYAM portal are smoothly operated.
- **Library has membership of E-ShodhSindhu (ESS) of All India Council of Technical Education (AICTE), New Delhi.** Under this scheme, we are provided free of cost e-journal packages to use for a period of one year. At present, we are using this facility for ASME, ASCE & Scopus E-Journals packages.

- Central Library of GZSCCET, MRSPTU, bathinda has signed a **MoU with INFLIBNET Centre for Shodhganga/Shodhgangotri**. Through this, we are able to upload/share/accessthesis and dissertations

In electronic format with member of Universities. Membership also provides a Plagiarism Detection Software (PDS) vide letter no. NFL/Shodhganga/MoU/AC/264/2019/29 dated 10th June, 2019 of INFLIBNET Centre.

Library Collection (in tabular form)

S.No	Resources	Number
1	Books (Hardcopies)	54,685
2	E-Books (Pearson)	658 titles, may access three persons at a time
3	E-Journals Package (IEEE, ASME, ASCE, ScienceDirect Pharmacy, Elsevier Textile Complete, Scopus)	06 Packages
4	National Journals/Periodical (Hardcopies)	78
5	VCDs	337
6	Common Magazines	09
7	Thesis	508

Bibliographic Databases

	<p>Cambridge University Press (www.cambridge.org) (CUP) is among the world's oldest publishing house. It publishes academic journals and articles covering subjects from the humanities, social sciences, science, technology, and medicine.</p>
	<p>Proquest (https://about.proquest.com/en) is a world- renowned database of journals on the business, economy, and management.</p>
	<p>Elsevier's Science Direct (https://www.sciencedirect.com/) journals are one of the world's largest providers of scientific, technical and medical (STM) literature. Science Direct provides a rich electronic environment for research journals, bibliographic databases as well as reference works.</p>
	<p>Emerald (https://www.emerald.com/insight) is a scholarly publisher in the field of management, education, health care and engineering Journals.</p>
	<p>ICE publishing (https://www.icevirtuallibrary.com) provides a wide range of knowledge databases of the Institution of Civil Engineers, It also creates specialist products and services for the civil engineering..</p>
	<p>The International Electrotechnical Commission (IEC) is an international standards organization that prepares and publishes International Standards for all electrical, electronic and related technologies.</p>
	<p>IEEE/ IET Electronic Library Online (IEL) (http://ieeexplore.ieee.org/) The IEEE/IET Electronic Library (IEL) is the industry's most powerful engineering reference resource. It provides access to publications from the Institute of Electrical and Electronics Engineers (IEEE) and the Institution of Engineering and</p>

	Technology (IET)..
	Bureau of Indian Standards (BIS) the National Standards body of India, has published various Indian Standards in different technical divisions.
	Oxford University Press Journal Collection covers titles, encompassing Humanities, Law, Life Sciences, Sciences, Engineering, Medicine and Social Sciences.
	Proquest provides resources from scholarly journals, books and newspapers. And ProQuest Dissertations & Theses is the collection of full-text dissertations and theses.
	SAGE (https://journals.sagepub.com/) SAGE is a leading international provider of innovative, high-quality contents, publishes journals covering a wide range of subject areas.
	SCOPUS (https://www.scopus.com) Scopus is the largest abstract and citation database of both peer-reviewed researches in various fields.
	SIAM Journals (http://epubs.siam.org/) is an organization to convey useful mathematical knowledge to other professionals who could implement mathematical theory for practical, industrial, or scientific use.
	Taylor & Francis (https://www.tandfonline.com/) publishes in all areas of the Humanities, Social Sciences, Behavioral Sciences, Science, Technology etc. Taylor & Francis are one of the world's leading publishers of journals, books, eBooks, text books, and reference works.
	Wiley (https://onlinelibrary.wiley.com/) Wiley is international resource for promoting discovery across scientific, technical and medical fields. Many of its books are recommended by renowned institutions.

	<p>World Scientific (Mathematics Collection) (https://www.worldscientific.com/) World Scientific publishes about 600 new titles a year and 140 journals in various fields. Many of its books are recommended texts adopted by renowned institutions.</p>
	<p>World Textile Information Network (https://www.wtin.com) World Textile Information Network (WTiN) is an information provider, providing intelligence and insight into the global textile industry.</p>
	<p>MathSciNet is an electronic publication offers access to database of reviews, abstracts and bibliographic information for mathematical sciences literature.</p>
	<p>SciFinder Scholar (http://www.cas.org/SCIFINDER/SCHOLAR/index.html) SciFinder is a research discovery tool that allows access from many scientific disciplines, including biomedical sciences, chemistry, engineering, materials science, agricultural science, and more.</p>
	<p>Web of Science (http://apps.webofknowledge.com) The Web of Science provides access to current multidisciplinary information from most prestigious, high impact research journals in the world. Web of Science also provides a unique search method and cited reference searching.</p>

BIBLIOGRAPHY

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- [2] <http://ecsd1.org>
- [3] <http://epubs.siam.org>
- [4] <http://ieeexplore.ieee.org>
- [5] <http://isid.org.in/home.html>
- [6] <http://muse.jhu.edu>
- [7] <http://www.ams.org/journals>
- [8] <https://academic.oup.com/journals>
- [9] <https://ascelibrary.org>
- [10] <https://dl.acm.org>
- [11] <https://economicoutlook.cmie.com>
- [12] <https://hbsp.harvard.edu/cases>
- [13] <https://industryoutlook.cmie.com>
- [14] <https://journals.ametsoc.org>
- [15] <https://journals.aps.org>
- [16] <https://mathscinet.ams.org/mathscinet>
- [17] <https://onlinelibrary.wiley.com>
- [18] <https://projecteuclid.org>
- [19] <https://prowessiq.cmie.com>
- [20] <https://pubs.acs.org>
- [21] <https://pubs.rsc.org/en/journals?key=title&value=current>
- [22] <https://pubsonline.informs.org>
- [23] <https://search.proquest.com/abicomplete>
- [24] <https://statesofindia.cmie.com>
- [25] <https://www.aip.org>
- [26] <https://www.annualreviews.org>
- [27] <https://www.bloomberg.com/professional>
- [28] <https://www.cambridge.org/core>
- [29] <https://www.capitaline.com>

- [30] <https://www.icevirtuallibrary.com>
- [31] <https://www.indiastat.com>
- [32] <https://www.jove.com>
- [33] <https://www.jstor.org>
- [34] <https://www.manupatrafast.com>
- [35] <https://www.nature.com>
- [36] <https://www.nowpublishers.com/Journal>
- [37] <https://www.osapublishing.org>
- [38] <https://www.sciencedirect.com>
- [39] <https://www.scopus.com>
- [40] <https://www.tandfonline.com>
- [41] <https://www.worldscientific.com>
- [42] <https://www.wtin.com>

Other Useful Links

S.No	Learning Resources	Web Links
1.	Punjabi learning	http://www.learnpunjabi.org/intro1.asp
2.	English Punjabi Dictionary (ਅੰਗ੍ਰੇਜ਼ੀ ਪੰਜਾਬੀ ਸ਼ਬਦ-ਕੋਸ਼)	http://www.shabdkosh.com/pa/
3.	Conference Alerts	http://www.conferencealerts.com/
4.	Open Access Journals / e-journals	
5.	Directory of Open Access Journals.	http://www.doaj.org/
6.	Indian Academy of Sciences	http://www.ias.ac.in
7.	NISCAIR- Full Text Journals	http://nopr.niscair.res.in/
8.	High Wire Press	http://highwire.stanford.edu/
9.	Institute of Physics electronic journals	http://iopscience.iop.org/journals
10.	Journal of the Indian Institute of Science	http://journal.library.iisc.ernet.in/
11.	Down to Earth	http://www.downtoearth.org.in
12.	Indian Journals	http://indianjournals.com/ijor.aspx
13.	Institution of Electronics And Telecommunication Engineers(IETE)	http://www.iete.org/
14.	Open j-Gate(4805 Open Access Journals)	http://jgateplus.com
15.	Open Access Journals Search Engine	http://www.oajse.com/
16.	Med know Publications Journals	http://www.medknow.com
17.	Hindawi e- journals	http://www.hindawi.com/journals/
18.	arXiv.org e-Print archive	http://arxiv.org/

National Science Digital Library (NSDL)

Directory of Open Access Repositories	http://www.openoar.org/
Journal of Nanotechnology	http://www.hindawi.com/journals/jnt/
Nano Technology Open Access Journals	http://www.nanowerk.com/nanotechnology/periodicals/open_alist.php?letter

Dictionaries / Encyclopaedia

One look Dictionary	http://www.onelook.com/
Encyclopaedia	http://www.encyclopedia.com
Encyclopaedia Britannica	http://www.britannica.com
Merriam Webster Dictionary	http://www.merriam-webster.com

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Free Tech books	http://www.freetechbooks.com/

General Engineering

Greatest Engineering Achievements	http://www.greatachievements.org/ http://www.mgutheses.org/
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Open Courseware

Massachusetts Institute of Technology (MIT)	http://ocw.mit.edu/
Berkeley's Open Courseware	http://webcast.berkeley.edu/
IGNOU RESOURCES	http://www.egyankosh.ac.in/
Networked Digital Library of Theses and Dissertations (NDLTD),	http://www.ndltd.org/

Patent

India Patent Website	http://www.ipindia.nic.in/
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Newspaper Directory for the World

Online Newspaper Directory for the World	http://www.onlinenewspapers.com/
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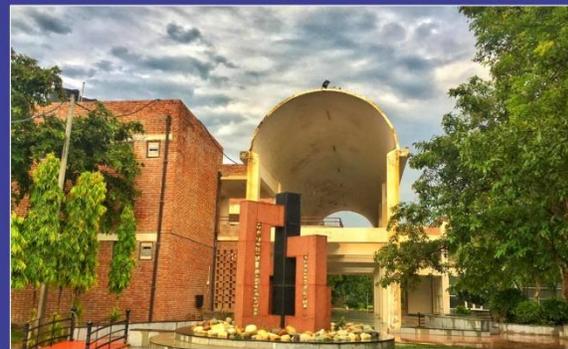


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