



It often requires more courage to read some books than it does to fight a battle. - Sutton E. Griggs

Vol. 4, Issue 2

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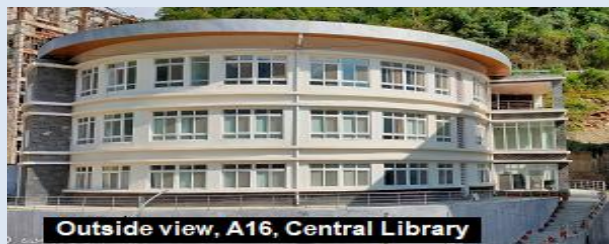
Dear Readers,

In this newsletter we would like to give you a glimpse of the new facilities located in North Campus and the set-up in South Campus. The main library building, A16 is now fully functional and the set-up at A5, South campus has been rearranged. Adjusting to the Covid19 crisis, hand sanitizers have been installed at the entrance to both A16 and A5 buildings, both in North and South campus respectively. Books are sanitized when they are returned. As sites are open from 9am to 5:30pm, you may get your books even in these exceptional times. For those who are far away, on the last page we have compiled a list of online material to support remote study and research. We hope to see you soon all back on campus.

Dr. Astrid Kiehn, LAC, Chair

New of the Library

Finally, after in January this year the new tables and chairs had arrived, the Central Library shifted to its new premises at A16, North campus. With basic infrastructural needs fulfilled the library was opened to the users at the start of the new semester on 18th February. Not everything was set-up at that time, but circulation of books and reading facilities commenced from the new premise. Since then, frequent users have seen many changes: blinds have been applied on students' requests, the micro climate of the building was considerably improved by installing plants, and other smaller details were adjusted to add more to the



Outside view, A16, Central Library

and aesthetic and functional value of the library.

The new Central Library is a three storied building. The ground floor houses the Dy. Librarian's office, the circulation section, and a discussion room with well stacked reserved copies of text books. The first floor is a reading room in which 47 users can sit spaciously (up to 94 at peak times). The reference books collection is also located here. The 2nd floor houses the stack area, and an adjacent reading area with 30 seats (60 at peak times).



Inside view, A16, Central Library



Stack area

The South campus library now primary serves PG, research scholars and faculty residing there. Circulation facility is provided to all users along with reading room with a capacity of 76 seats (88 at peak times) of which 16 are in the low-voice discussion area.



Stack Area, South Campus Library

Recommended Readings

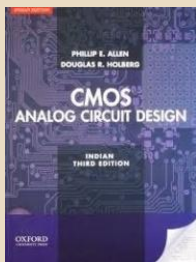
Below listed books have recently been purchased by the library. The reason for being listed here are star ratings found at www.goodreads.com. Click the URL link given for each title to learn more about it.

	Star Ratings
1 . Becker, Howard S. : Tricks of the trade: How to think about your research while you're doing it (University of Chicago Press)	4.06/5
2 . Clark, Heather A. : When there was no money (Springer)	4/5
3. Devadevan, Manu V. : A prehistory of Hinduism (De Gruyter Open)	3.67/5
4. Ghertner, D. Asher : Rules by aesthetics: World-class city making in Delhi (Oxford University Press)	4.20/5
5. Keck, Margaret E. : Activists beyond borders (Cornell University Press)	3/5
6 . Larsen, Kristine : Stephen Hawking (Jaico Publishing House)	4/5
7. Mccauley, Martin : Origins of the cold war 1941-1949 (Routledge)	3.81/5
8. Philo, Greg : Bad news for refugees (Pluto Press)	4.11/5
9. Seargent, Philip : From language to creative writing (Bloomsbury)	3.32/5
10. Spencer, Jonathan : Checkpoint temple church and Mosque (Pluto Press)	3/5

Must Read

Every issue of the newsletter will bring for you a review of one such book which falls under the category of 'Must Read'. The book will be recommended by one of IIT Mandi faculty.

CMOS Analog Integrated Circuit Design by Behzad Razavi



This is one of the fundamental book for graduate and undergraduate students of the Electrical, the Electronics, the Instrumentation, and the Communication Engineering. The book has been designed to build a strong foundation on analog circuit design and specification derivations for the amplifier, the analog layout design and the clock generation circuitry. The approach of the book is for both design and analysis of electronic circuits by mixture of theory, solved questions and design tips. It covers conceptual understanding, and mastery of the material. It prepares graduate/undergraduate students for advanced courses for their careers in VLSI semiconductor industry. The book has been framed from the device physics of semiconductor metal-oxide-semiconductor field-effect-transistor (MOSFET) along with the two port small-signal theory. Various components of the book also help students to develop intuitive techniques so that they can design, and implement circuits. Major part of the book covers various design topics on the amplifier design. Those are the single stage amplifier, the differential amplifier, the frequency response, the pole-zero frequency compensation and the design of CMOS operational amplifier (opamp). The book is further extended for the design of high speed opamps, voltage controlled oscillators (VCO), phase locked loop (PLL) and analog layout techniques. These topics will motivate the student to understand the importance of today's microelectronics and VLSI design requirements. The book leads to design most Common applications of analog circuit design viz. power amplifiers oscillators, wave shaping circuits, PLL, analog-to- digital converters (ADC) and digital-to-analog converters .



Contributed by

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ACM Digital Library

ACM is a database of computing research which is considered as a significant database by the experts of the computer science and information technology. ACM as its portal says “is the world’s most comprehensive database of full-text articles and bibliographic literature covering computing and information technology”. ACM covers a vast variety of publication types which include more than 50 journals; 170 annually published conference proceedings and 8 magazines. Besides, the ACM collection also includes a small number of books which cover recent advances in the computing field. SIGs (Special Interest Groups) of ACM are group of peers in specific fields of interest which remain their subjects.

ACM Membership: ACM provides 6-7 professional and student membership. member, you may not have full access individual member, ACM can provide libraries including *Safari Books Online*; *Learning Centre* where available.

Publishing Policy: ACM authors to choose from ORCID (Open Research to ACM records.

Open Access Policy: ACM a work in public domain.

author to make available preprint of self publication on the author’s homepage or institutional repository under Green Open Access. However, to make a work openly accessible in real sense, the author or the sponsor of the research has to pay a handsome amount to ACM.

ACM at IIT Mandi: IIT Mandi regularly subscribes to ACM Digital Library from the year of 2012. It is one of the most used of subscribed resources. As an existing subscriber of ACM, IIT Mandi has the full access to all its resources except e-books. The resources publish articles, news and opinions from experts of the field of computing and information technology. ACM Conference proceedings is one of the most used resource among all ACM resources at IIT Mandi. It constitutes more than 50% of the total usage of ACM resources which is clear from the given chart.

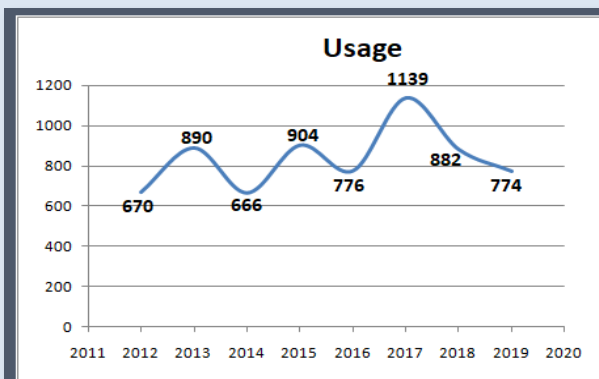
ACM has several advanced membership grades including Fellows, Distinguished Members, Senior Members and also Distinguished Speakers

ACM has three kinds of chapters: Special Interest Groups, Professional Chapters, and Student Chapters presently in 56 countries

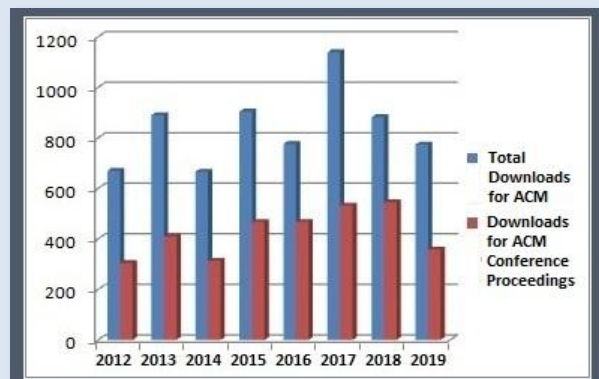
types of memberships, including But as an individual ACM to all its resources. As an you access to several online *SkillSoft* etc. and access to its latest talks and webinars are

has an Author Rights policy which facilitates various publication options. It also supports the and Contributor ID) initiative by attaching the ID


has a clearly defined access policy for publishing Through the Author-izer policy ACM allows the



ACM Usage (downloads) per year at IIT Mandi



ACM Conference Proceedings usage (downloads)

 If you want to explore more about membership, ACM Awards, Conferences, ACM chapters, ACM Educational activities you can visit ACM Digital Library website [here](http://library.iitmandi.ac.in)

Open Access Resources

This is the time when everyone is working from home and educational institutions are the most affected organization. In order to make the academic community aware the library presents available resources for online teaching and learning, we present you some information here. You are very well aware of NPTEL for online video tutorials and Swayam for MOOCs (free courseware). Besides there are so many tools, resources and platforms available which will not only help you to learn in effective way but will also encourage to test your skills in new areas of interests.

Free online courses platforms:

(a) Harvard University (<https://online-learning.harvard.edu/catalog>)

More than 70 out of 185 courses are free

(b) Saylor.org (<https://learn.saylor.org/course/index.php?categoryid=2>)

More than 100 courses with certification on completion

(c) Academicearth.org (<https://academicearth.org/>)

It curates not only countless free courses from various universities but also provide platform for online degrees, open access journals, scholarships offers, internships and information on professional organizations of your interests.

(d) National Digital Library, India (<https://ndl.iitkgp.ac.in/corona-research>)

A dedicated section on NDLI platform for any piece of information about COVID-19 including research reports, datasets, videos, conferences, ideas, funding, startups.

(e) Class Central (<https://www.classcentral.com/>)

CC is the search engine for online courses offered by various institutions. Any new development, offers, news, updates regarding these courses can be found at this single platform.

(f) Spoken Tutorials (<https://spoken-tutorial.org/>)

Tutorials with hands-on training mode

Free downloadable books:

(a) PdfDrive (<https://www.pdfdrive.com>)

a web crawler which search for e-copy of book on the web and provides facility to download it

(b) Project Gutenberg (<http://www.gutenberg.org/>)

classic and copyright free books

(c) Directory of Open Access Books (<https://doabooks.org/>)

a contributory work of commercial and other publishers

(d) Librivox (<https://librivox.org/>)

more than 13000 audio books are available

Open access journals:

Directory of Open Access Journals (<https://doaj.org/>)

an online directory for more than 14000 e-journals

Open access theses & dissertations

(a) <http://Shodhganga.inflibnet.ac.in> (Open access database of Indian theses)

(b) <https://oatd.org/> (Open access database of theses & Dissertations worldwide published)

✓ Above mentioned lists of resources are not exclusive; in fact these lists are endless.

User's views about library

IIT Mandi Library has proved itself to be a perfect blend of matching traditional assets with digital advancement. It is curving with the changes of ICT & digitization, developed having most of its resources in electronic format, online and automated along with huge collection of print books. A beautifully designed new Library building with tranquil ambience has added one more feather in the cap. On the occasion of fifth Newsletter, I wish great success to the Library Staff and the users.

SURESH K. ROHILLA
AR (S&P) IIT Mandi

Since I am a regular user of the library, I have observed that the sanctity of a typical library is being maintained here. The library has a good amount of collection of resources. However in the print books collection I would prefer more books in my specific research area.

PRAVAT K. JENA
(Research Scholar)