

**M.Ed. –SEMESTER-II**  
**Paper CC8: EDUCATIONAL TECHNOLOGY AND ICT**

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**Unit-III, Chapter-2**

Dear Students,

We will start our chapter-2 of Unit –III, **Technology supported instruction.**

*Impact of Technology on Education*

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# INTRODUCTION



- ❧ We've learnt a lot since computers were first introduced into schools in the 1980's.
- ❧ Computers had changed the way of learning.
- ❧ Focus is how technology had changed the class room methodology of learning to open source learning.



# TECHNOLOGICAL DEVELOPMENT IN LEARNING



- ❧ Invention of computer.
- ❧ e-books.
- ❧ Development of internet.
- ❧ LVC (Live Virtual Classes).
- ❧ DVD/CD Provided with books.
- ❧ Many software developments etc.



# HOW STUDENTS LEARN?



- ❧ Students have other sources to get information other than books.
- ❧ Technological impact on learning changes how the students learn.



# CONTINUATION.....



- ❧ Average students using technology to learn can score high compared to other student who don't use computers.
- ❧ Technology helps the students to learn much faster.
- ❧ Technological developments like computer, internet, LVC, Etc. helps students in learning.

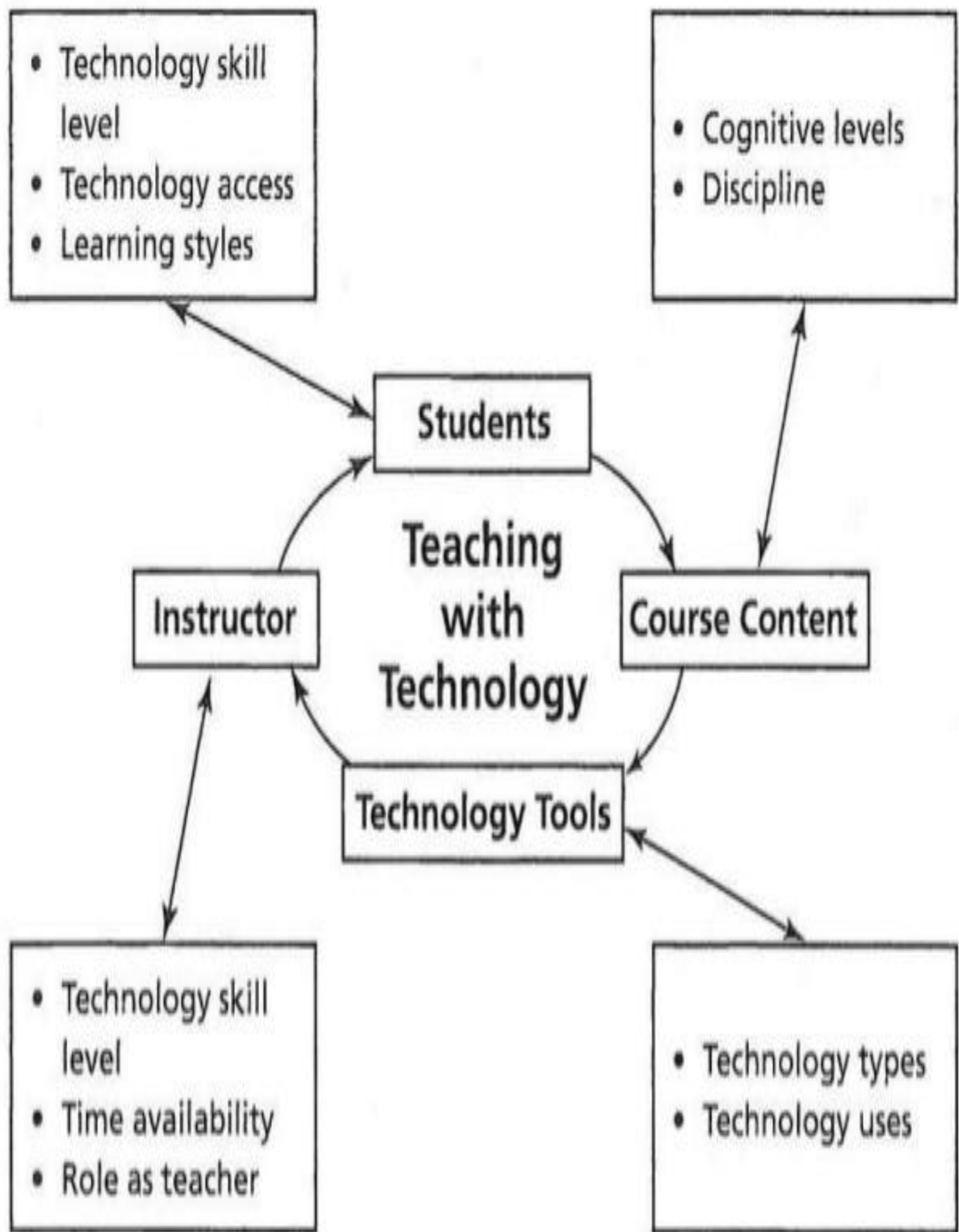


FIGURE 17.1 Teaching with Technology

# COMPUTER



- ❧ The first technological impact of learning comes from computer.
- ❧ Invention of computer changes the way of learning.



# E-books



❧ E-books helps people to read books.

❧ People can carry many books at a time using e-books.

❧ Same book can be read from any part of the world.





# CDs WITH BOOKS



- CDs are provided in books which explains some contents of the books through videos.
- Concept can be easily explained through audio visuals given in CDs.



# VIRTUAL CLASS



- virtual classrooms makes students more interactive.
- Helps the students to understand the concept easily.
- Videos, pictures explains more than text.



# LIVE VIRTUAL LECTURERS



- ❧ Lectures from any part of the world can take classes for students through webcams.
- ❧ Direct interaction can be present between the student and teacher who are far away.



# INTERNET



- ❧ Internet access all over the world helps every people to get all information from all over the world.
- ❧ After the development of internet e-learning had a major impact in learning.
- ❧ People can get information instantly through internet.



# AUDIO BOOKS



- Audio books are available for blind students.
- It can be easily downloaded and can be shared.



A student at TSDI reads a book while listening to the audio support.

# POSITIVE FINDINGS



- ☞ Makes learning easier
- ☞ Understand the concept easily
- ☞ Time consumption to learn is less
- ☞ Information comes handy when ever needed.
- ☞ Helps the students to score high marks.



# NEGATIVE FINDINGS



- ca Deteriorated patience
- ca Lack of physical interactivity.
- ca Declining writing skills
- ca Computer base education cannot be provided in all the places.
- ca Children often using computers gets physically affected.



# CONCLUSION



- ☞ Technology has mainly positive effects on learning in the recent 40 years.
- ☞ It enhance the way of learning and makes the students to gain knowledge easily.
- ☞ Thus the impact on technology makes the stepping stone to next level of learning in future.