

Digitalization in Education

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Introduction: Digital Education

- Digital education means **digital learning**. It is a type of learning that is supported by digital technology or by instructional practice that makes effective use of digital technology.
- Teachers and professors too find it convenient to prepare their teaching plans aided by digital technology. Teaching and learning becomes a smoother experience as it includes animations, gamification and audio-visual effects.

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- Digital learning guarantee more participation from students as the current generation of students are well-versed with laptops, I-pads, and smart phones.



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Digitalization

- The conversion of text, pictures, or sound into a digital form that can be processed by a **computer.**



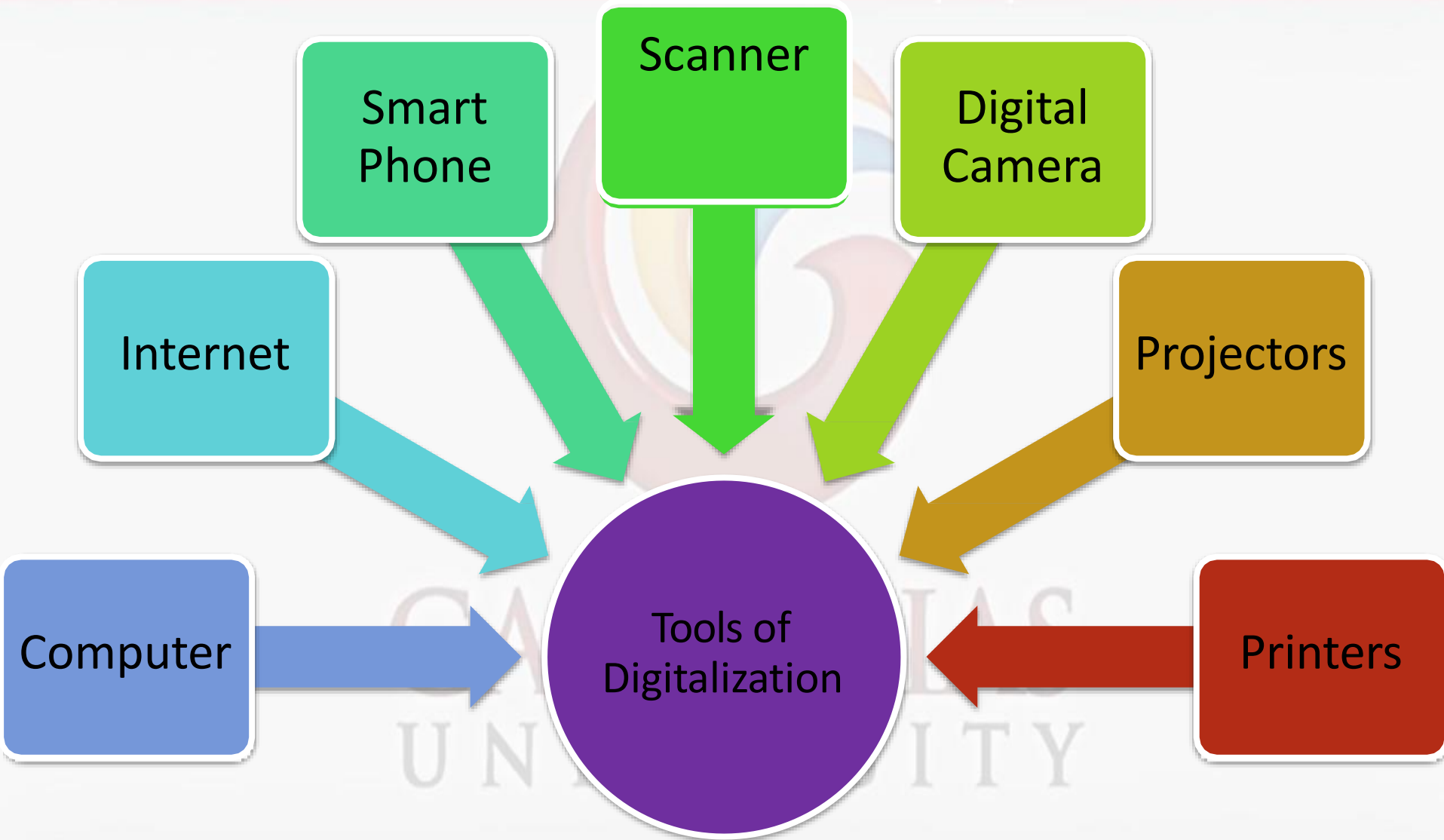
Digital Technology

- One of the elements that collectively form a system of numeration i.e. 0 & 1
- Digital means (electronics) a circuit or device that represents magnitudes in discrete units of a physical quantity.
- Computer works on 0 & 1 digits, so computer is an example of digital technology.

School of Education

Course Code: BEDU2001

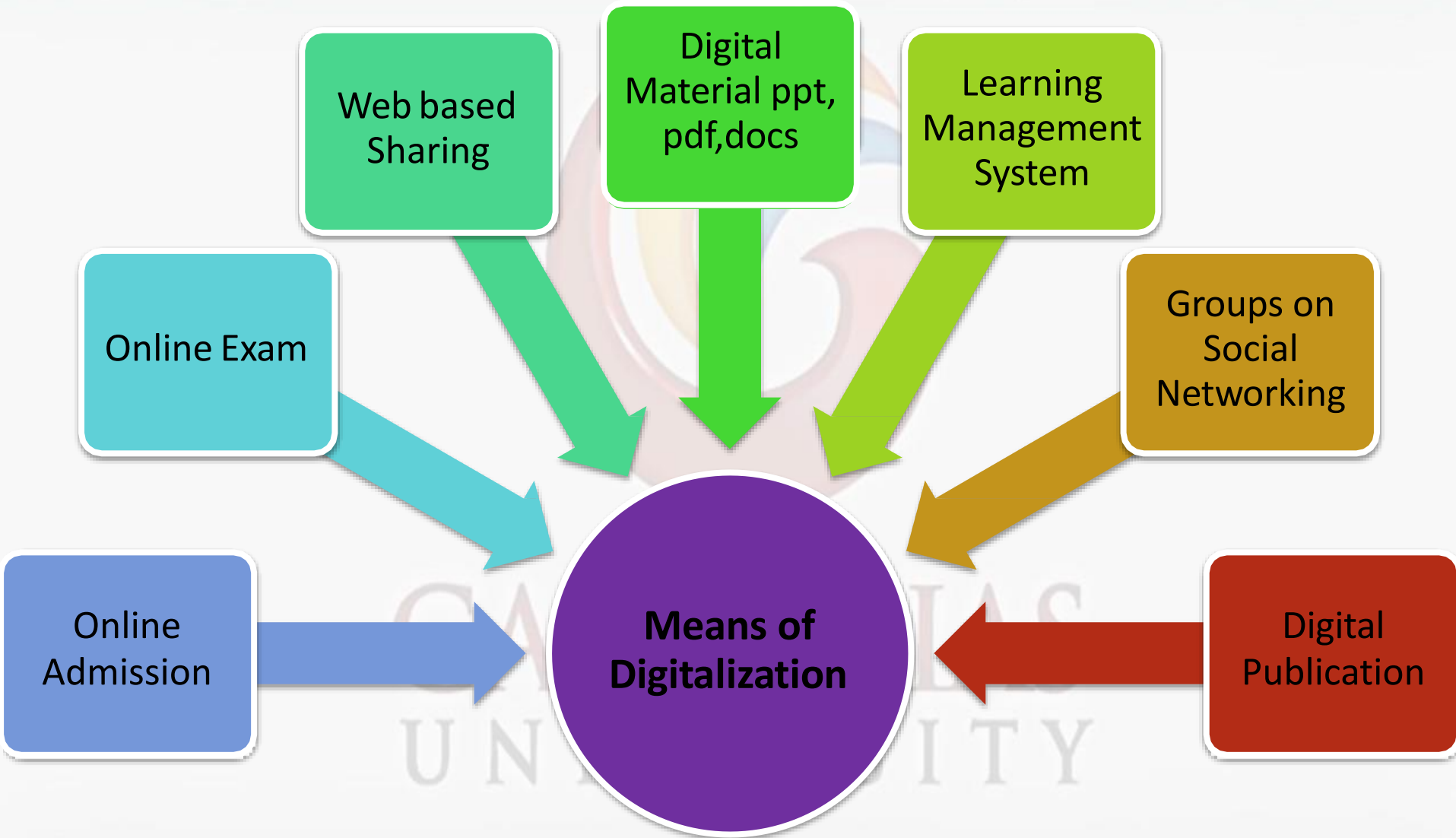
Course Name : Contemporary Issues and Concerns in Education



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Emerging Trends of Digital Education

- In India, where mobile penetration is nearing a billion people with over 200 million connected to the internet, and this expected to reach 550 million by 2018, the potential to digitally educate the masses seems very rich.
- With evolution of technologies such as cloud, data centres and video based learning there is huge potential for technology to be integrated with the Education Industry.

Advantages of Digitalization

Time Saving

Transparency

Overcoming
Geographical
limitations

24X7

Minimizing
Human errors

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Limitations of Digitalization

Dependency

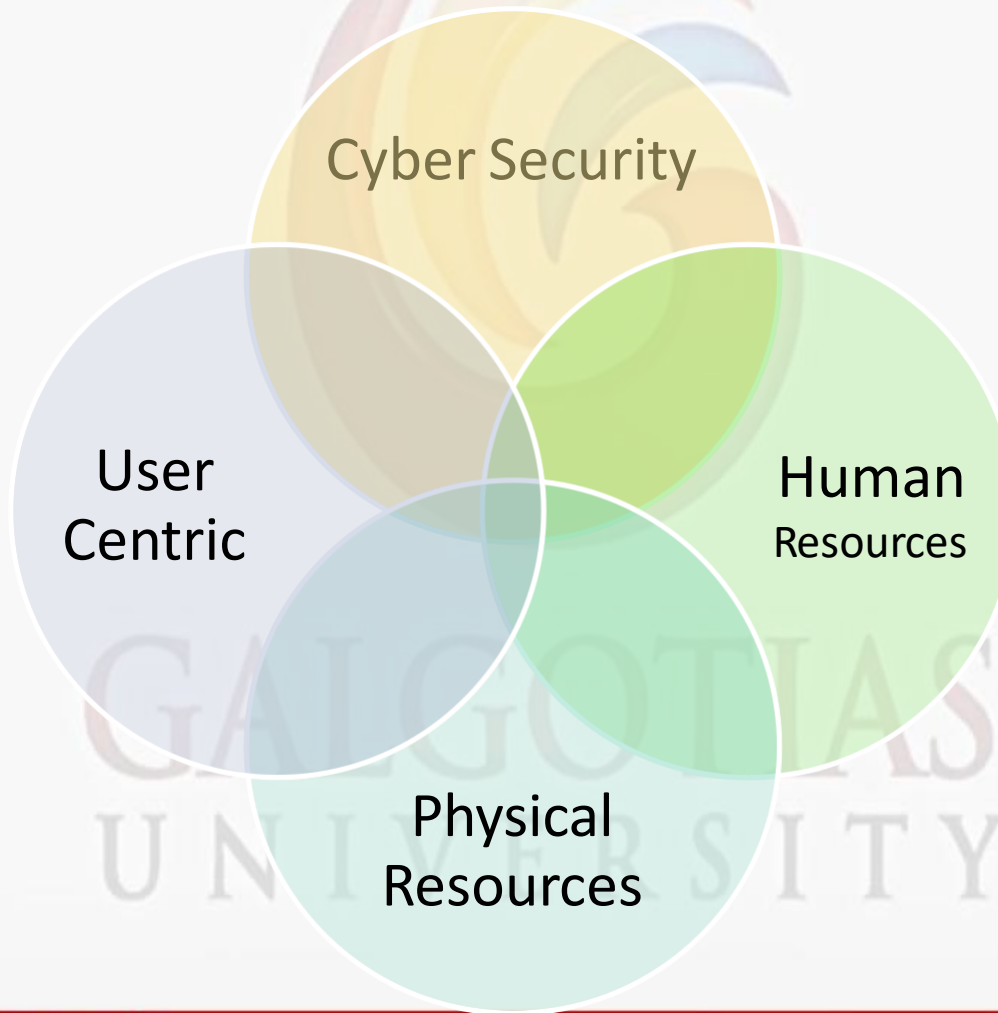
Addiction

**Physical &
Psychological threats**

Senseless Use

Negligence of basic skills

Precaution of Digitalization



Conclusion

- Education sector in India has seen a series of rapid expansion in last couple of years which helped to transform the country into a knowledge haven. Development of education infrastructure is required for the development of digital education across the country. This will lead to considerable increase in infrastructure investment in the education sector. Democratic governance, English speaking tech-educated talent and a strong legal and intellectual property protection framework are required for the development of digital education in Indian society.

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