

EPC 8 ICT and advanced pedagogy

1.1 Concept, Uses and Limitations of ICT and Computers

https://youtu.be/aoO2HsQz_9M?si=nHqWs7KasGbxSBXE

1.2 1.2 MS Word (Introduction, Usefulness) Activity-Basic functions like typing, formatting, font setting, paragraphing, minimum version 2007 and introduction to Google docs

<https://youtu.be/Fvrtt0h84Mg?si=ZZ0MoLqrDbaS3h6D>

1.3 Excel (Introduction, Usefulness) Activity- Generating results with formulas, creating schedules, basic functions like cell formatting, minimum version 2007 and introduction to Google sheet

<https://youtu.be/EPnKHPEKjBU?si=ftVQRYPSvTZmz6Vk>

<https://youtu.be/ikSDNZVVz7A?si=a0sY6g6zMvAplXmc>

1.4 MS PowerPoint (Introduction and Use) – Create, design and animate slides by inserting words, images, audio and video. Minimum version 2007 and introduction to Google slides

https://youtu.be/WJe_oYa3itE?si=KKVqN6n6KdMVrmlH

Unit - 2: Introduction to Internet and Teaching-Learning Tools:

2.1 Internet, Email and Blog: Meaning, Introduction, Usefulness

<https://youtu.be/YtxLexm-9pl?si=4pVAvEvxQS7DwuT2>

<https://youtu.be/8dl4MeNjhD4?si=zc2vxEuNbZpKmpgG>

<https://youtu.be/RjYA2U1lGtQ?si=qkeF3bxO-L5C1lvz>

2.2 Introduction to Online Teacher Support Tools: Google Classroom, Microsoft Teams, Google Meet, ChatGPT <https://youtu.be/cMxojgVfEA0?si=-hFx3e5XNZEBxM2J>

<https://youtu.be/KgGYmu4dhU?si=cgptQ0xd1KA90LhU>

2.3 introduction to Online Learning Platforms: SWAYAM, DIKSHA, NROER

https://www.youtube.com/live/o3cuq_QIFGQ?si=z1BmcOKtVbxBzDyr

2.4 Introduction to different methods of Google search, hacking, copyright infringement and plagiarism

https://youtu.be/5--ssYqyWoE?si=tuT-y_qGvBoOkpzg

Unit - 3: Introduction to Modern Pedagogy:

3.1 Advanced-Pedagogy: Meaning, Principles, Needs

https://youtu.be/LYMw6QAP7Wk?si=XKrexHoL6Mht_Ln1

3.2 Integrated Pedagogy and STEAM Education: Concept and Introduction

<https://youtu.be/t597sp3vHoQ?si=zVFKSp0fsnhkoOb9>

3.3 5E Model: Steps and the Role of the Teacher

https://youtu.be/ZyLG-_anFa0?si=bC-4hOI3OeDP-sil

3.4 Reflective Learning: Concept, Gibbs' Cycle and the Role of the Teacher

https://youtu.be/ehvYRPfupKk?si=rkVnd4KjJ3_YEDOs

Unit - 4: Trends in Modern Pedagogy:

4.1 Blended Learning Concept, Forms, Role of the Teacher

https://youtu.be/Wogs7TOYm5E?si=zUH_btMJ5tnBUmiP

4.2 Modern Methods of Assessment: Concept and Introduction [Quiz (Google form), Games (Kahoot), Student Response System (Mentimeter), Peer Review]

<https://youtu.be/F8SsmYrVfUc?si=PDEYrP1S6zoAliHt>

4.3 Digital Portfolio: Concept, Types, Advantages, Limitations

<https://youtu.be/Y6eamDOEeCE?si=DNerWhNAtfF-N353>

4.4 Concept Illustration: Concept, Types and Importance of Education

<https://youtu.be/vAT1J-UihhM?si=c4f-3C9t8A52woX8>