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Gajularega, Vizianagaram, Andhra Pradesh, India-535002.

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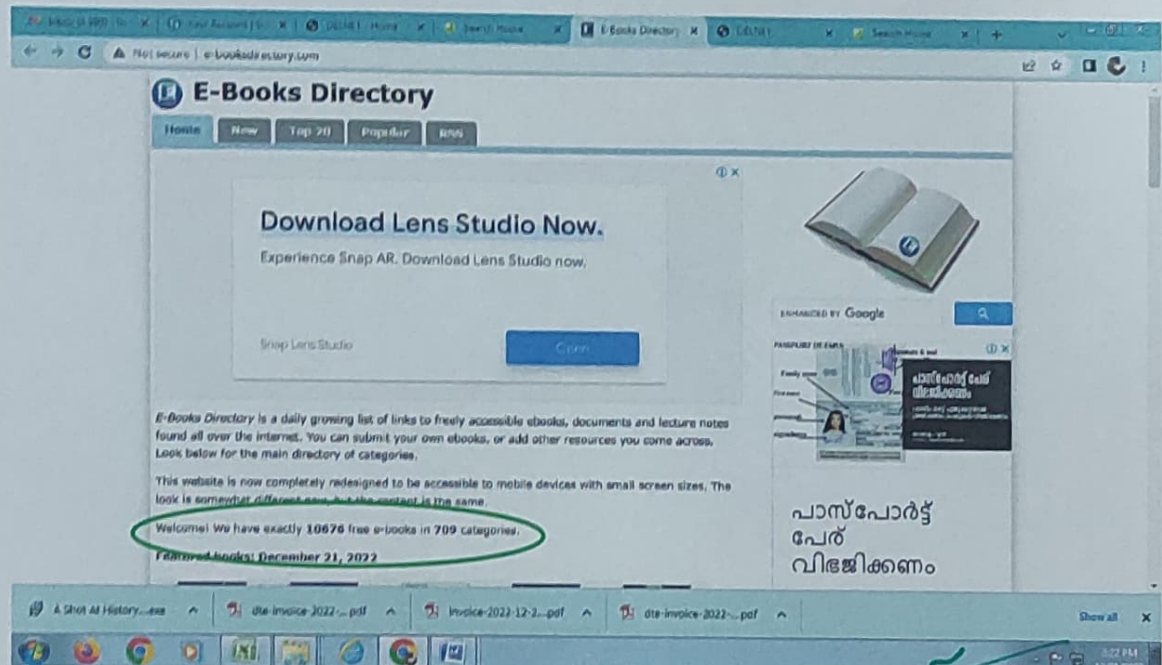
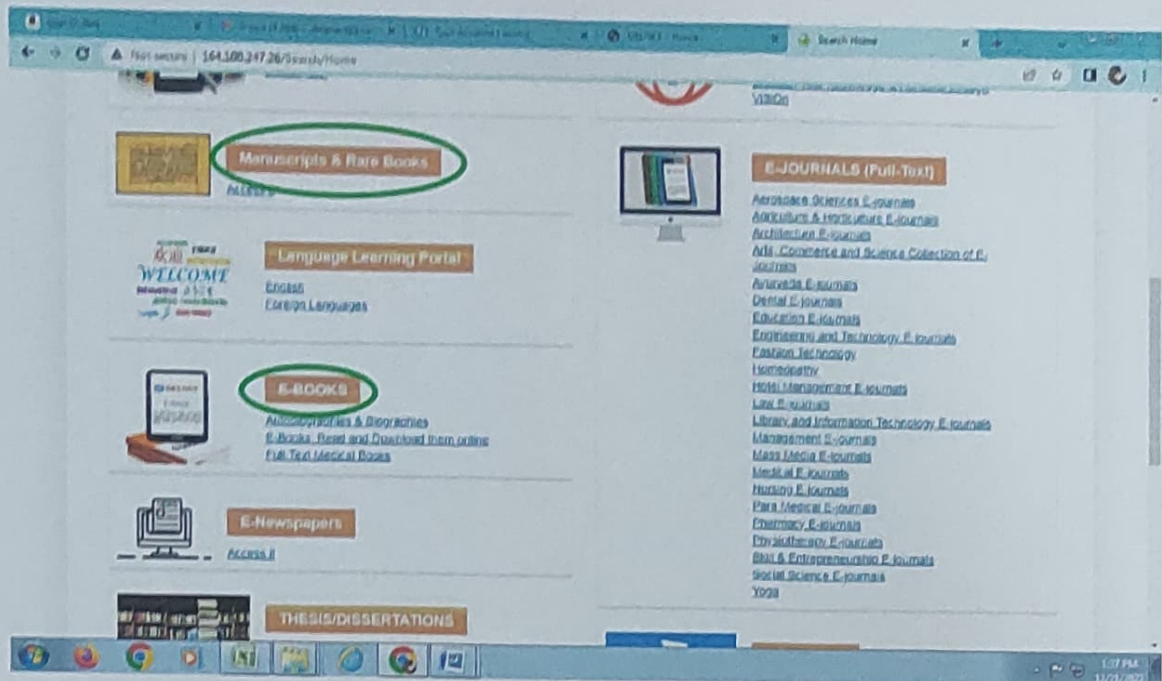
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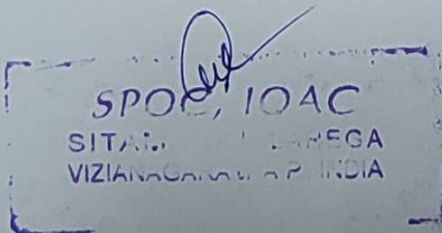
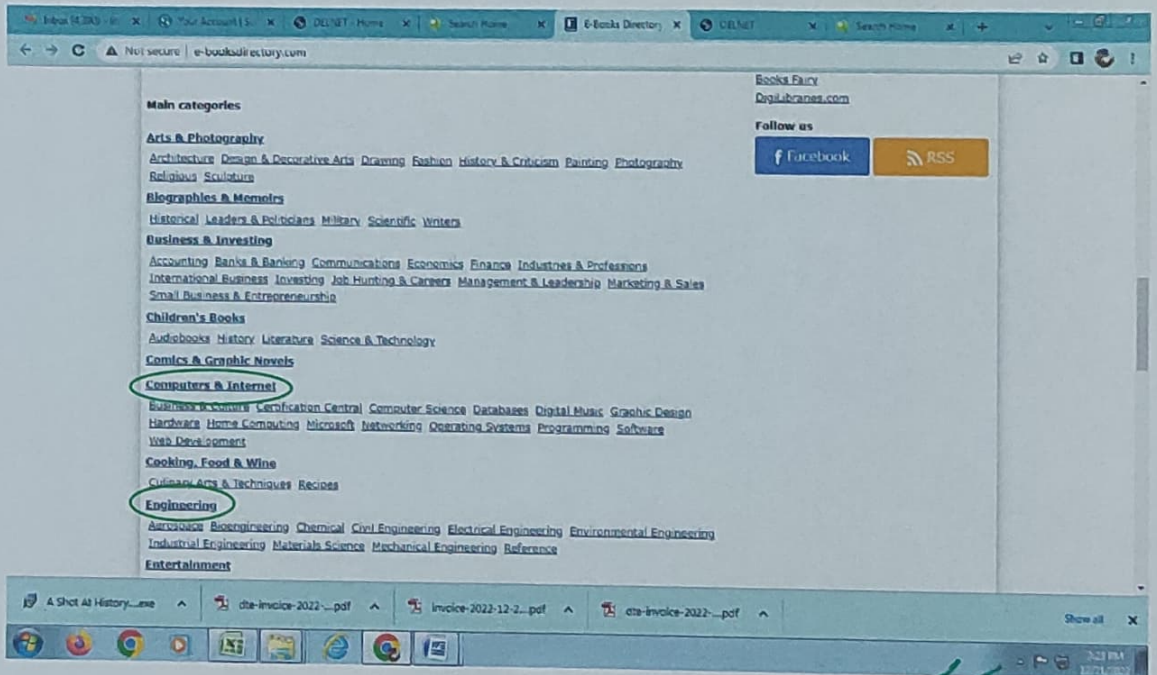
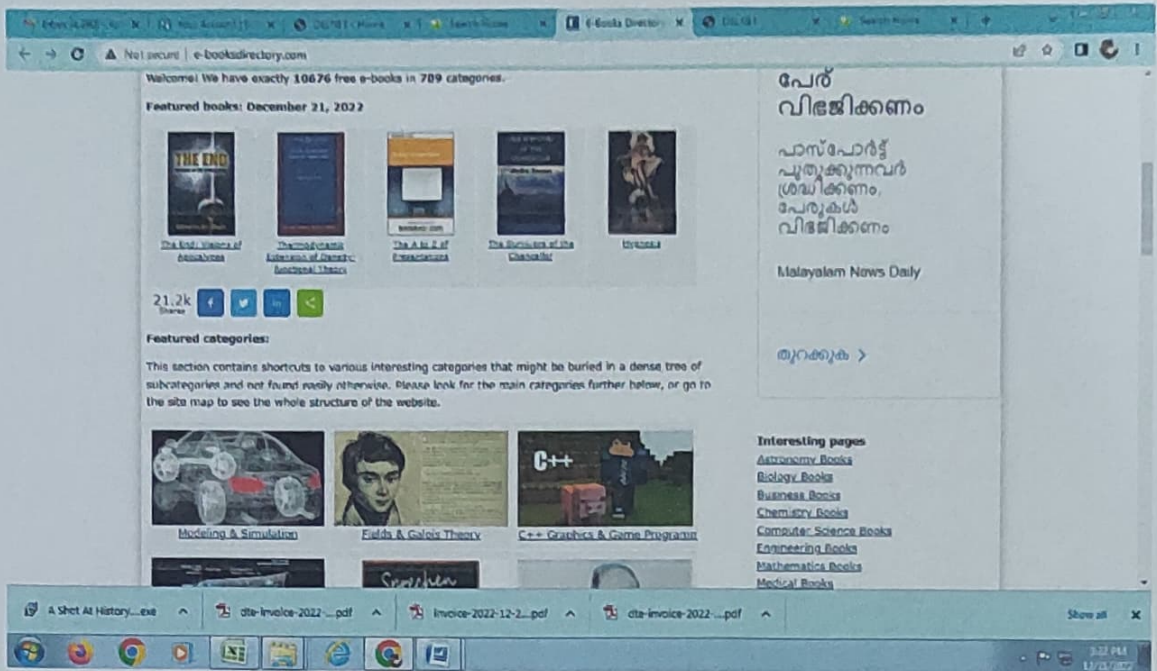
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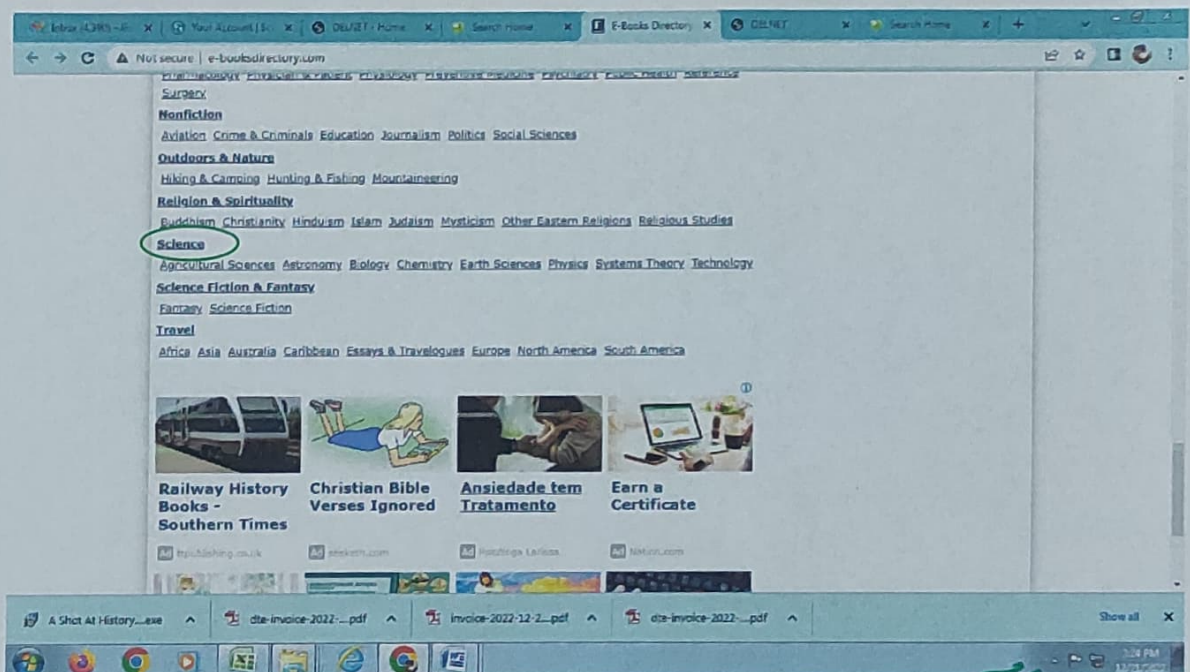
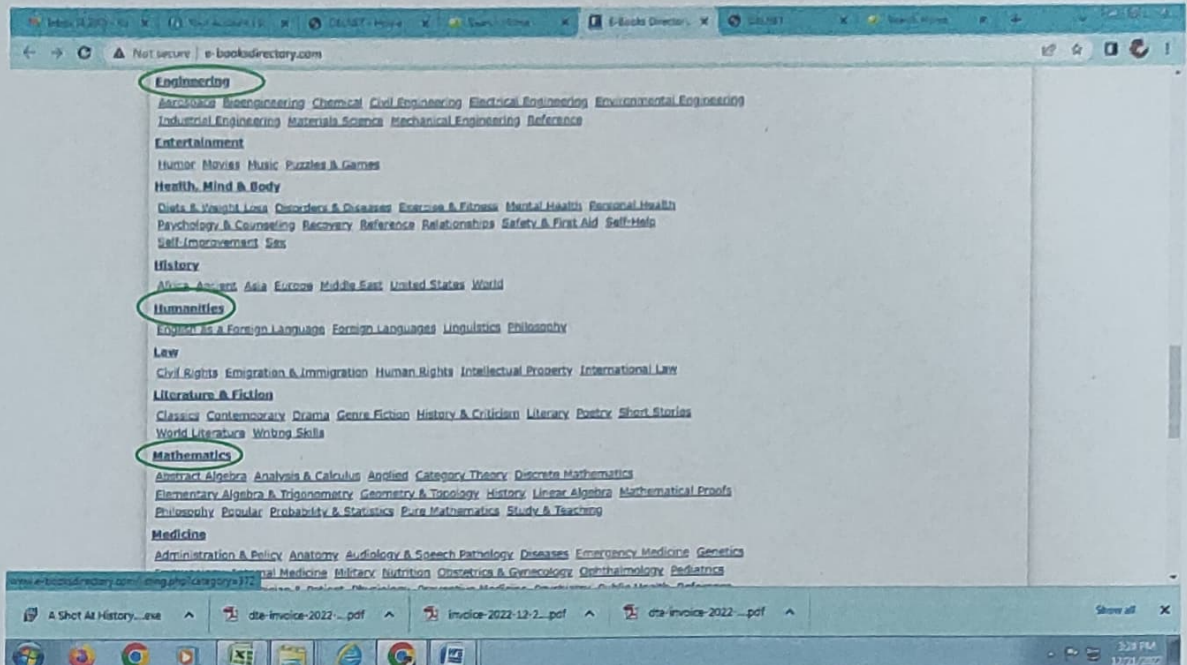
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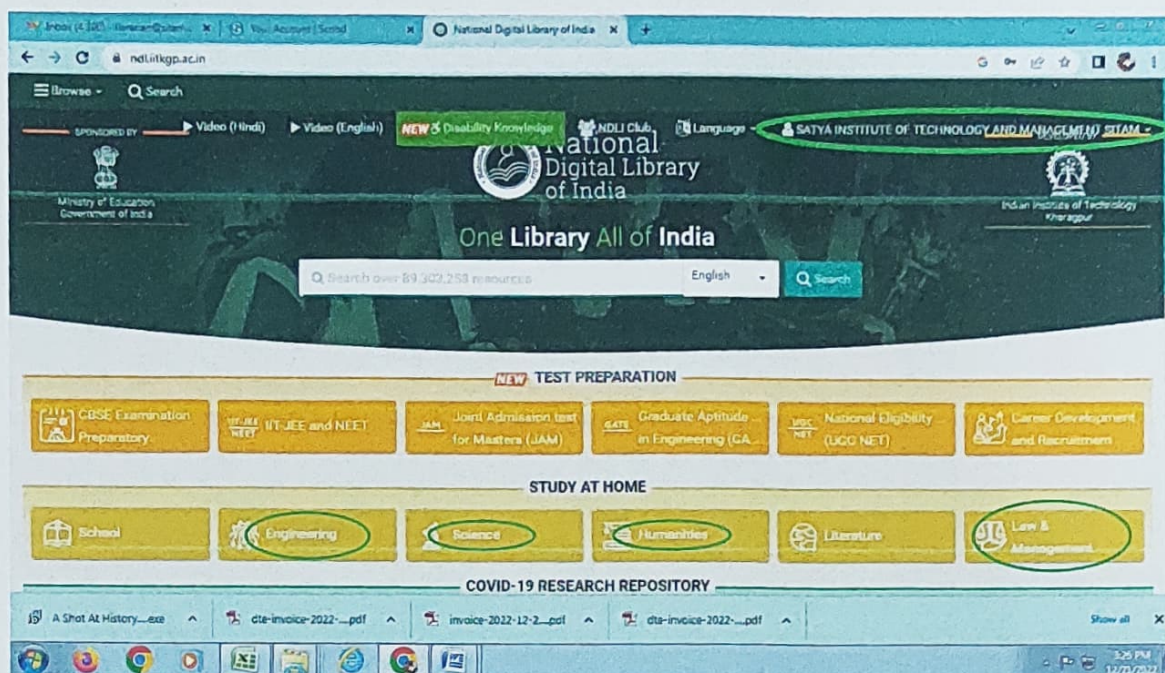
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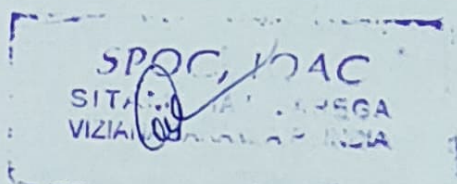
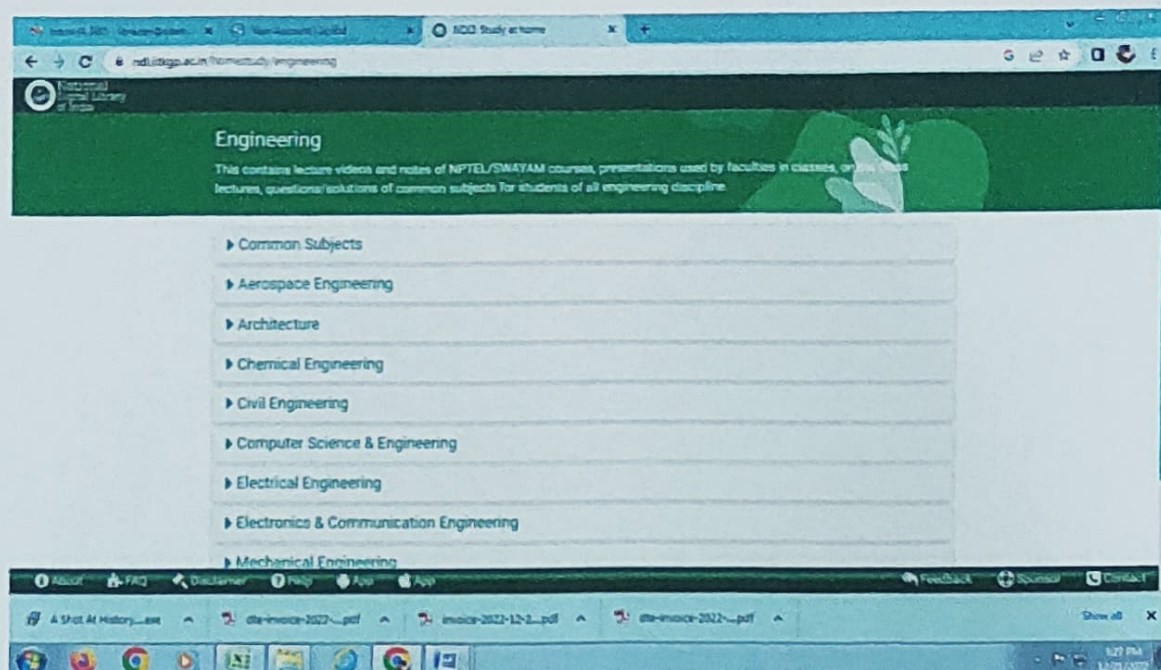
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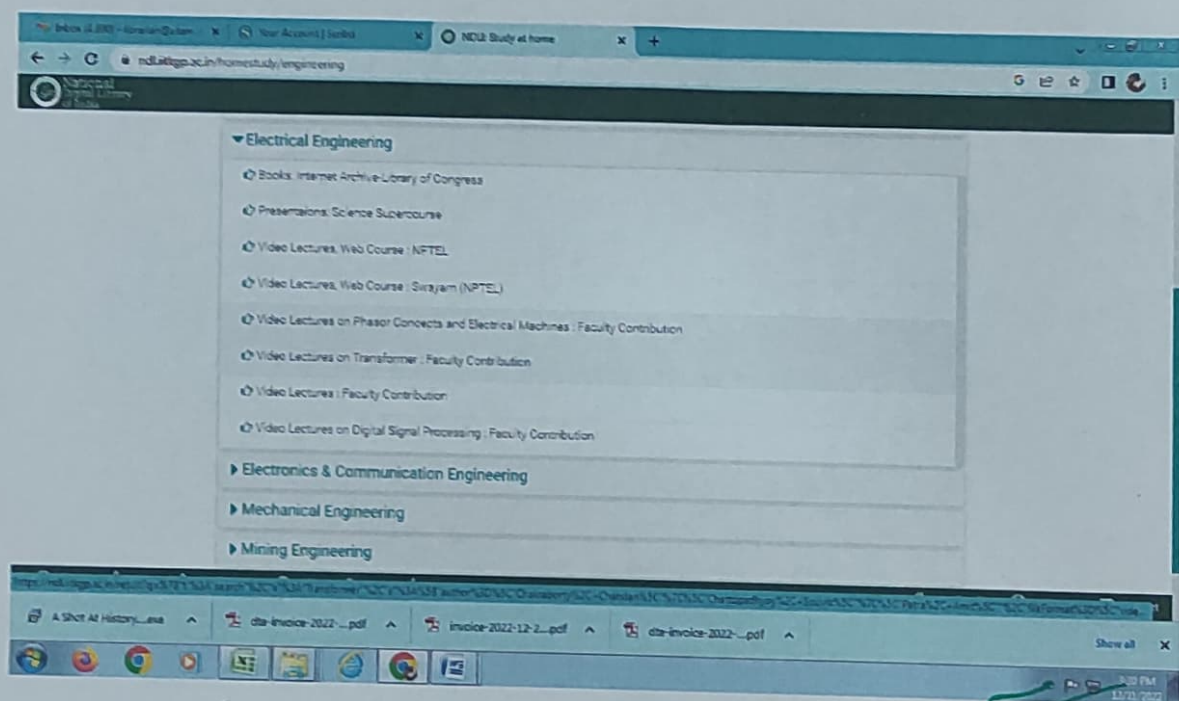
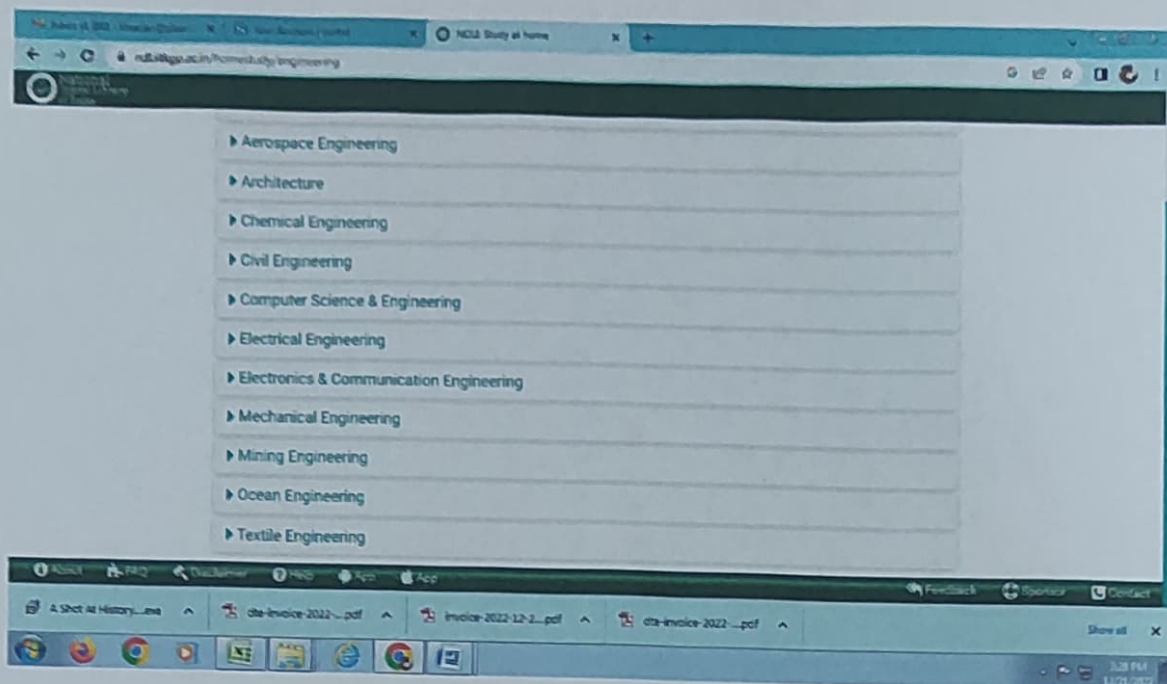
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Source: Faculty Contribution

Magnetics and Transformers - L12

ESO 203 – Introduction to Electrical Engineering

Lecture 12: Magnetics and Transformers



Prof. Sandeep Anand, IIT Kanpur

Email: asandee@iitk.ac.in
http://home.iitk.ac.in/~asandee/
https://www.perilab.org/

0:01 / 45:14

Buttons: About, FAQ, Disclaimer, Help, App, App

Taskbar: A Shot At History...exe, dte-invoice-2022-...pdf, Invoice-2022-12-2...pdf, dte-invoice-2022-...pdf

System tray: 3:21 PM, 12/23/2022

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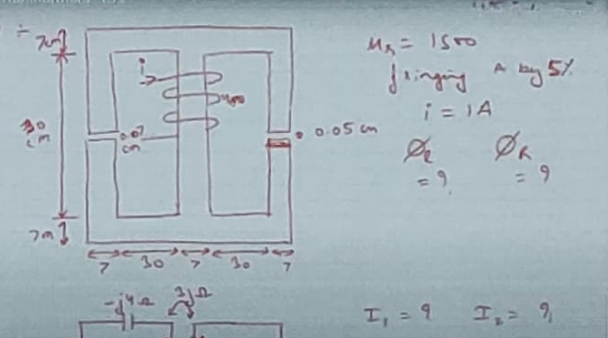
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Magnetics and Transformers - L12

Problem-1



$M_A = 1500$
 $f = 50$ Hz
 $i = 1$ A
 $\phi_c = 9$, $\phi_k = 9$
 $I_1 = 9$, $I_2 = 9$

Problem-2

120V, 30 Ω , 7 Ω , 30 Ω , 7 Ω , 30 Ω , 7 Ω

Dr. Sandeep Anand, IIT Kanpur

0:13 / 45:14

Buttons: About, FAQ, Disclaimer, Help, App, App

Taskbar: A Shot At History...exe, dte-invoice-2022-...pdf, Invoice-2022-12-2...pdf, dte-invoice-2022-...pdf

System tray: 3:22 PM, 12/23/2022

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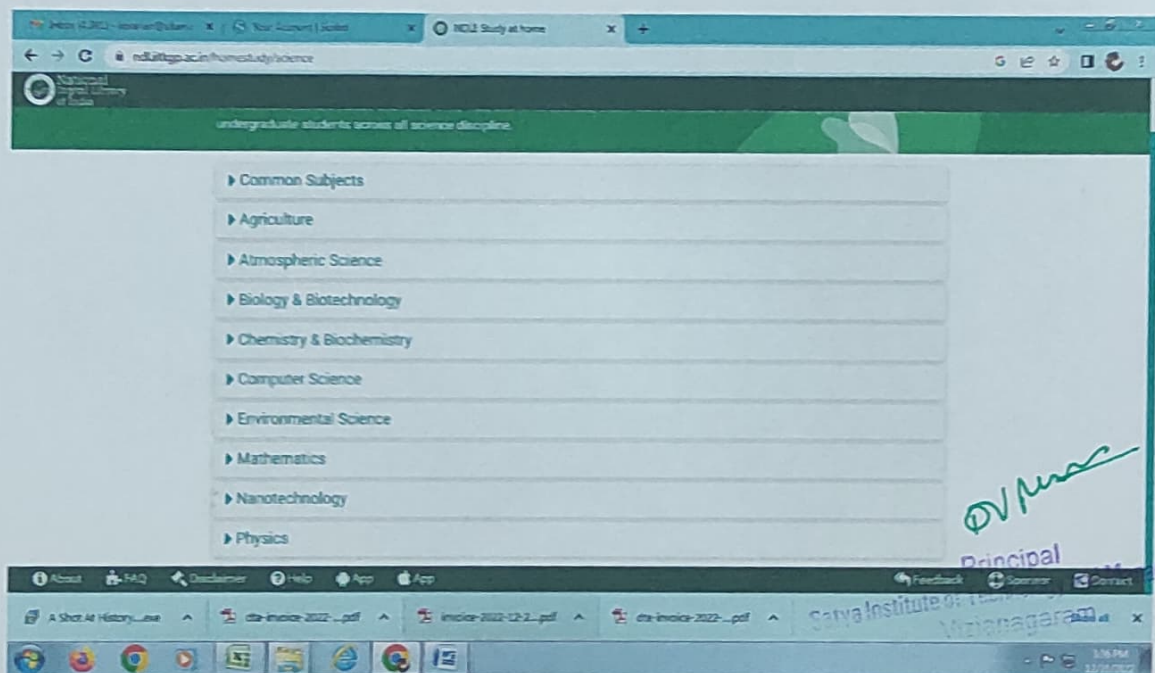
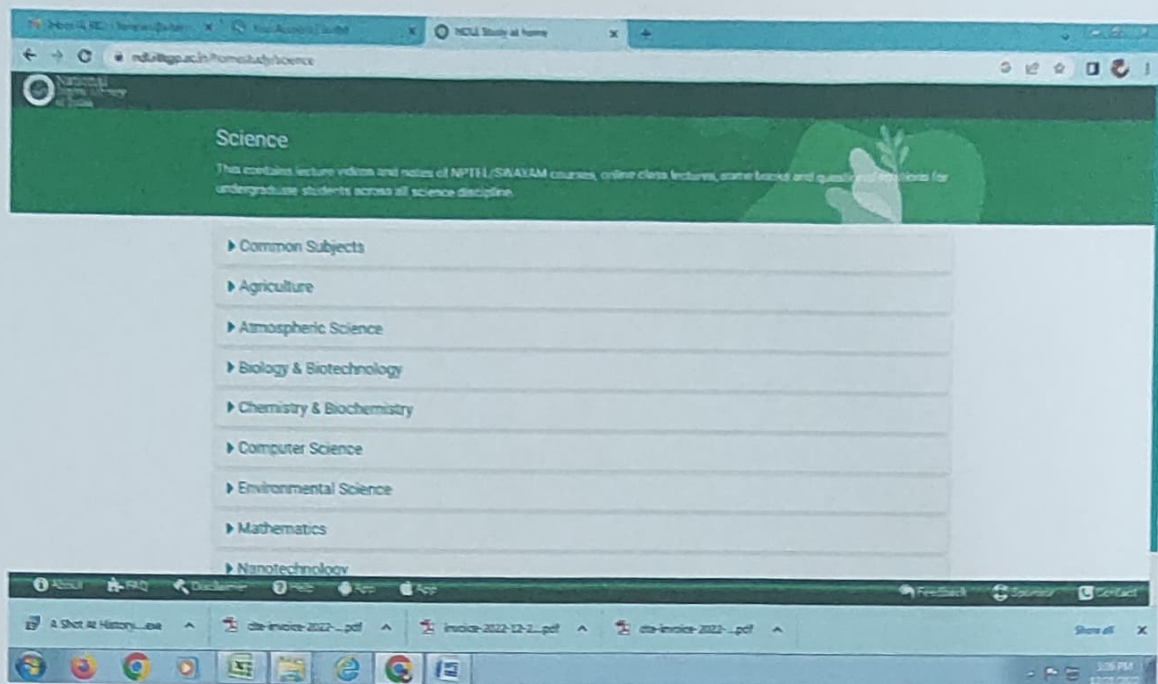
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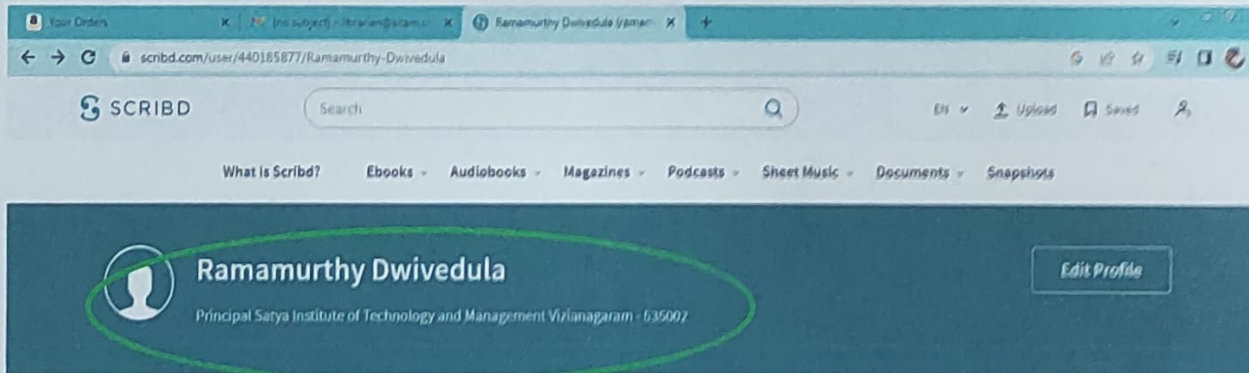
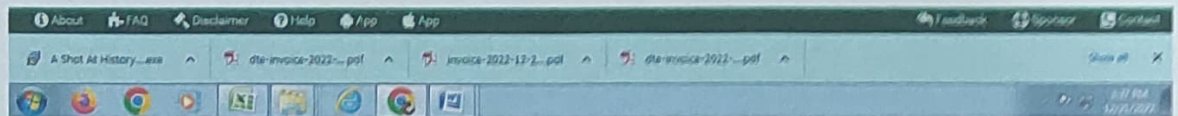
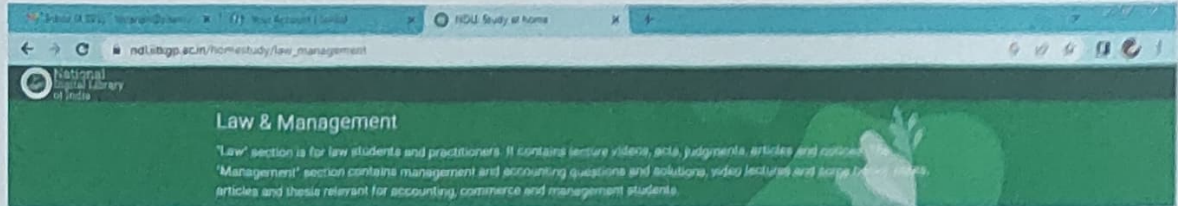
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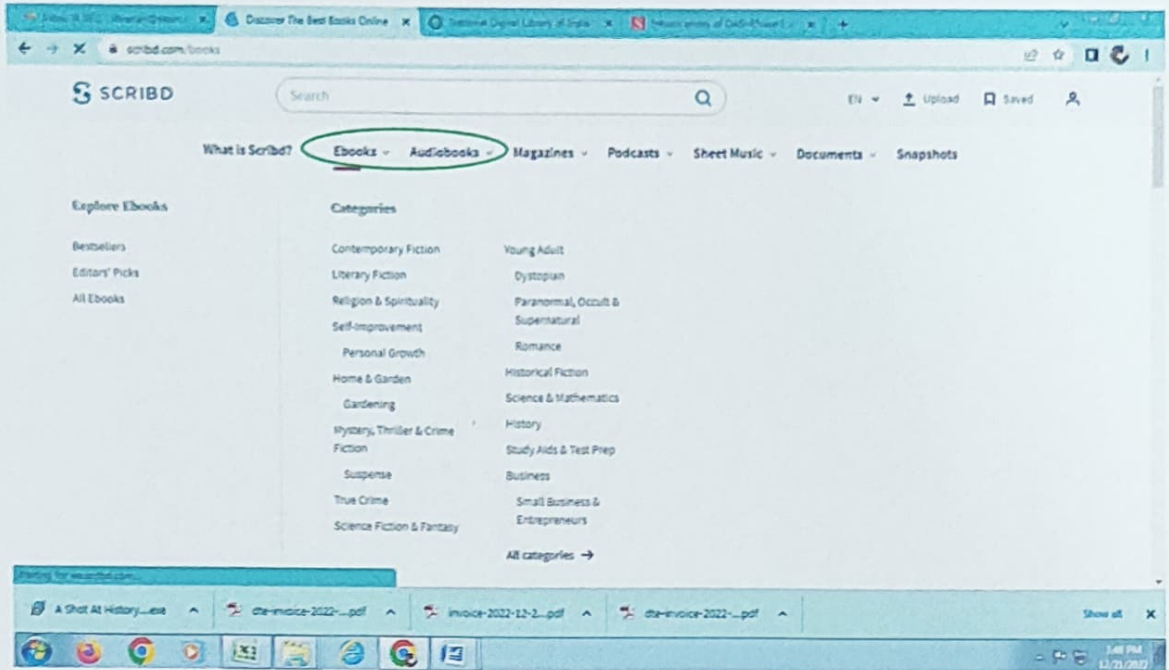
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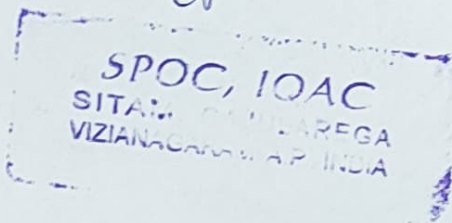
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