



WELCOME TO MY PRESENTATION

- Presentation Topic: Thin Film

THIN FILM

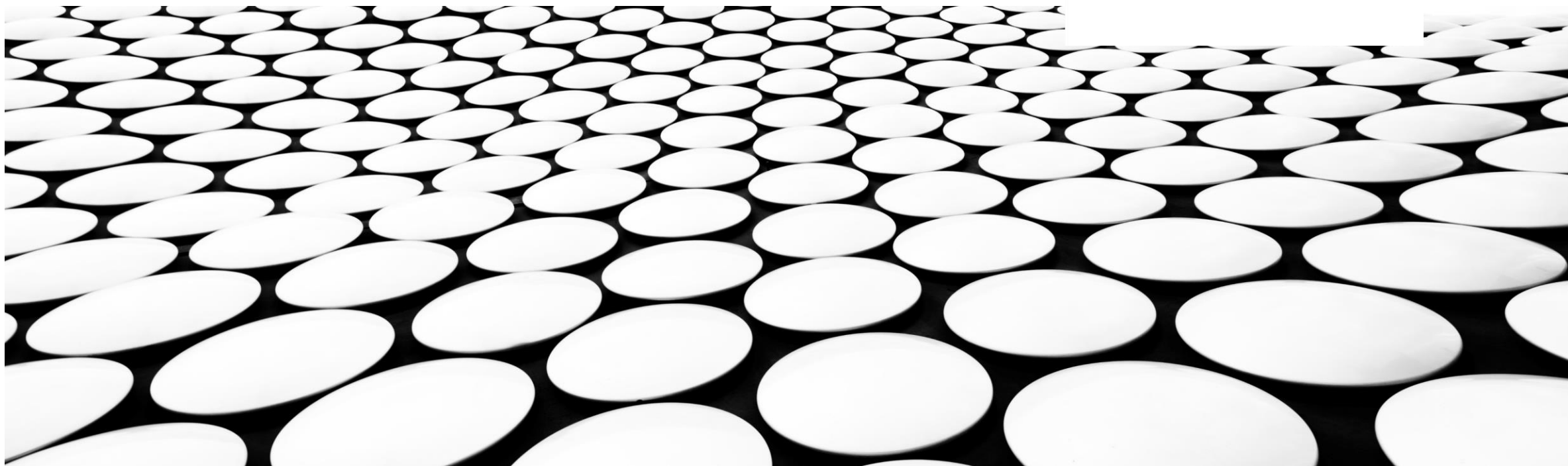
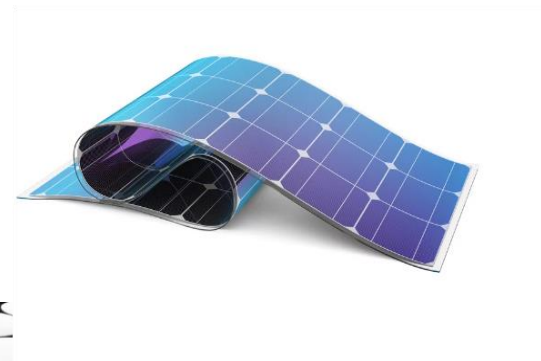


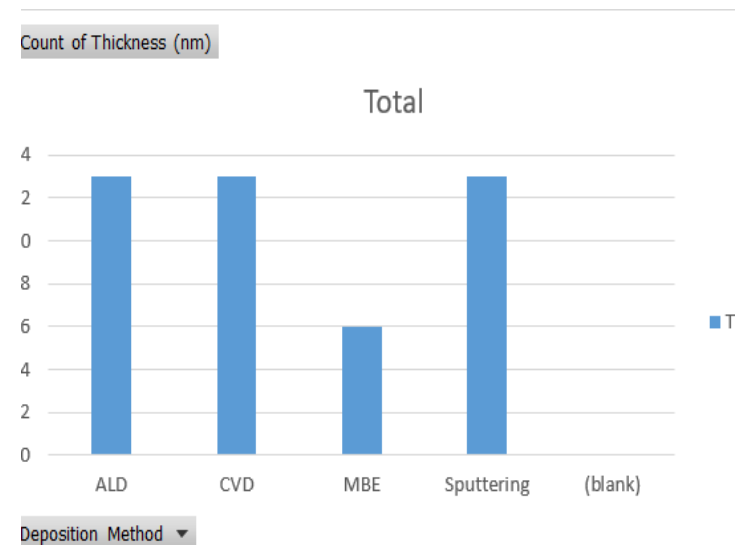


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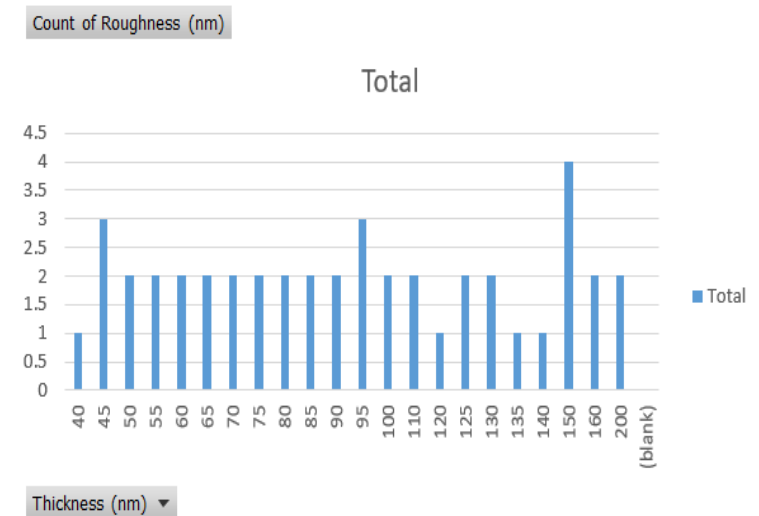
- Count of thickness.
- Deposition method .
- Thickness
- Roughness.
- Refractive index.
- Temperature.
- Optical bandgap(ev)

- How does deposition method affect the thin thickness?

At first deposition increase with thickness then it decrease suddenly then it increase .

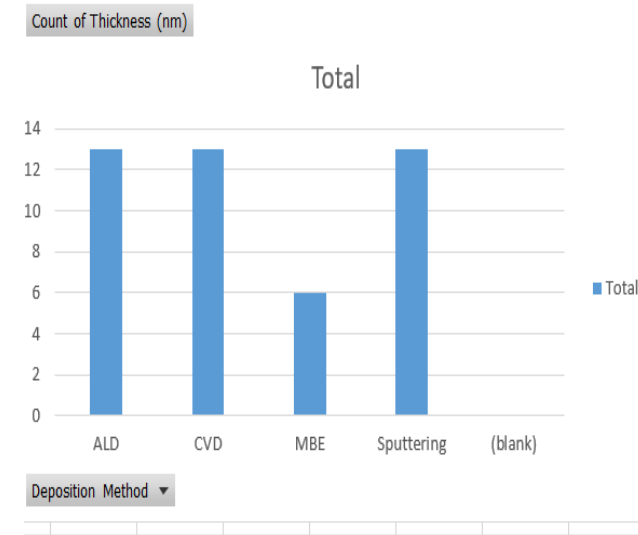


- What is the relationship between film thickness and roughness?
- I see that the relationship between film thickness and roughness firstly increase then it decrease and constant at 2 then it increase and decrease it 2 and constant it and increase gradually and it has constant at 2.



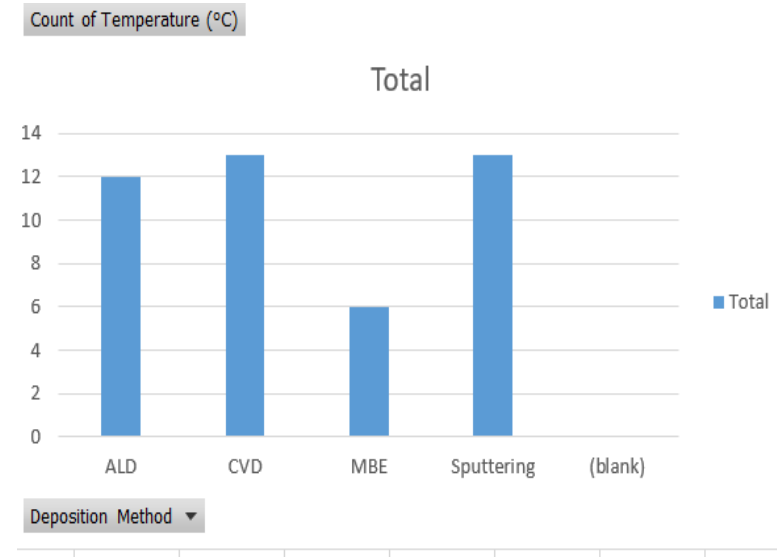
- Which deposition method results in the refractive index?

Chemical vapor deposition CVD.



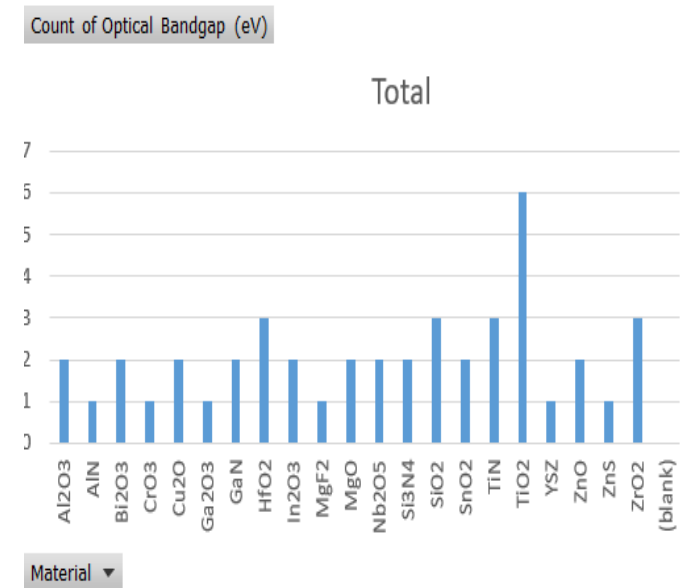
- How does the deposition method affect with temperature ?

The deposition rate increases with temperature from 300 to 400 degree celcius and then starts to decrease above 400 degree celcius.



- Which thin film have the highest optical band gap?

Tio2 Have the highest optical band gap.





THANK YOU