🎤 Slide 1: Title Slide

"Hello everyone! 👋
My name is [Your Name], and this is my project about finding a person's blood group using just their fingerprint 🖐️.
We used deep learning and image processing to do this. Let's see how it works!"

🎤 Slide 2: Abstract

"Blood group is very important in hospitals, especially in emergencies 🚑.
Normally, we need blood samples to check it. But that takes time and tools.
Our idea is simple and smart — use a fingerprint instead!
This way, it's faster ⏱️, cheaper 💰, and doesn't need a lab 🧪."

🎤 Slide 3: Introduction

"Old tests need labs and blood samples 💉, which are not always available.
In some places, like villages or during accidents, it's hard to test quickly.
So, we thought — can we use fingerprints to guess the blood group?
We used AI and image processing to try it."

🎤 Slide 4: Old Methods

"Let's look at the old ways to find blood group:

- Mix blood with chemicals to see the reaction 🧪
- Use big machines and sensors 🤖
- Or check DNA — which is expensive 🧬
  All these ways need blood, tools, and time ⏳."

🎤 Slide 5: Our New Method

"In our method, we only use fingerprint images 🖐️.
We trained the computer to look at the lines and patterns in the fingerprint.
We used 6000 fingerprint pictures 📸, all labeled with blood groups.

We cleaned the images first, then tested 4 AI models:
LeNet5, AlexNet, VGG16, and ResNet34."

🎤 Slide 6: Results

"From all the models, ResNet34 gave the best result 🏆.
It learned the patterns well and gave correct answers.
VGG16 was okay, but sometimes made mistakes ❌.
LeNet5 and AlexNet didn't work as well.
So, we chose ResNet34 for best performance."

🎤 Slide 7: Testing

"We used 80% of the images to train the model 📚 and 20% to test it 🧪.
We checked how correct it is using:

- Accuracy (how many right)
- Precision and Recall (how careful and complete)
- F1 Score (a balance of both)
  This helped us trust the results."

🎤 Slide 8: Challenges

"We had some problems:

- Not enough data 📉
- Fingerprint images had noise and lines 🔊
- The model sometimes got confused 🤯
  So, we fixed it by:
- Adding more training data 🧠
- Cleaning the images 🧼
- Using smart tools and tricks 💡 "

🎤 Slide 9: Conclusion

"We showed that it’s possible to use fingerprints to find blood group 🧬.
ResNet34 was the best model for this.
This method is fast, cheap, and doesn’t need blood.
It can help in emergencies or places with no lab.
This is how AI and healthcare can work together 🤝."

🎤 Slide 10: Thank You

"Thank you so much for listening 🙏
If you have any questions, I’d be happy to answer! 😊"