

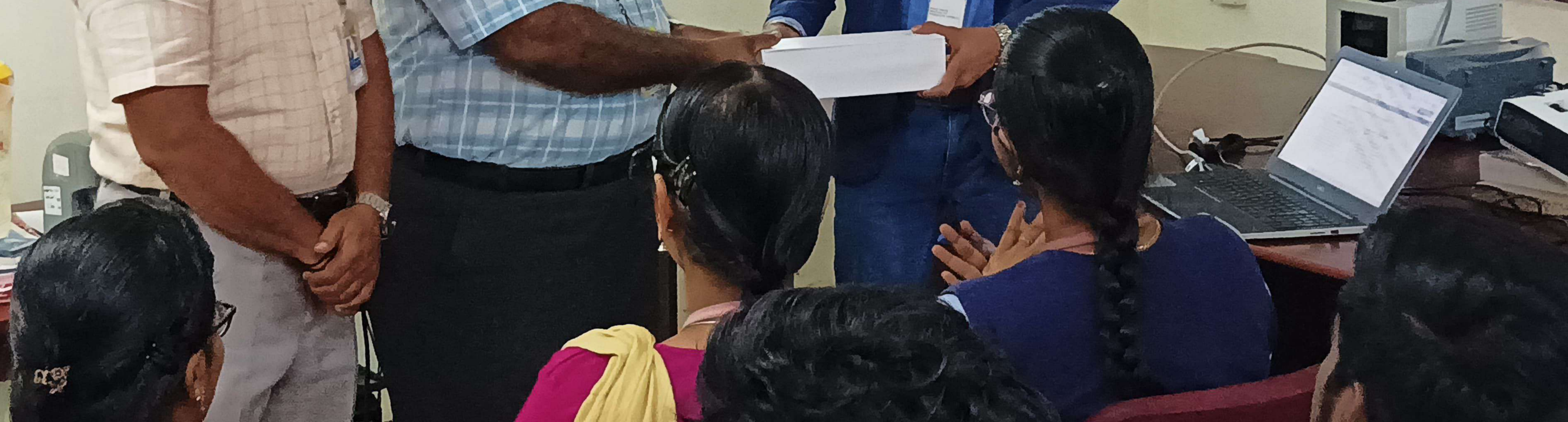
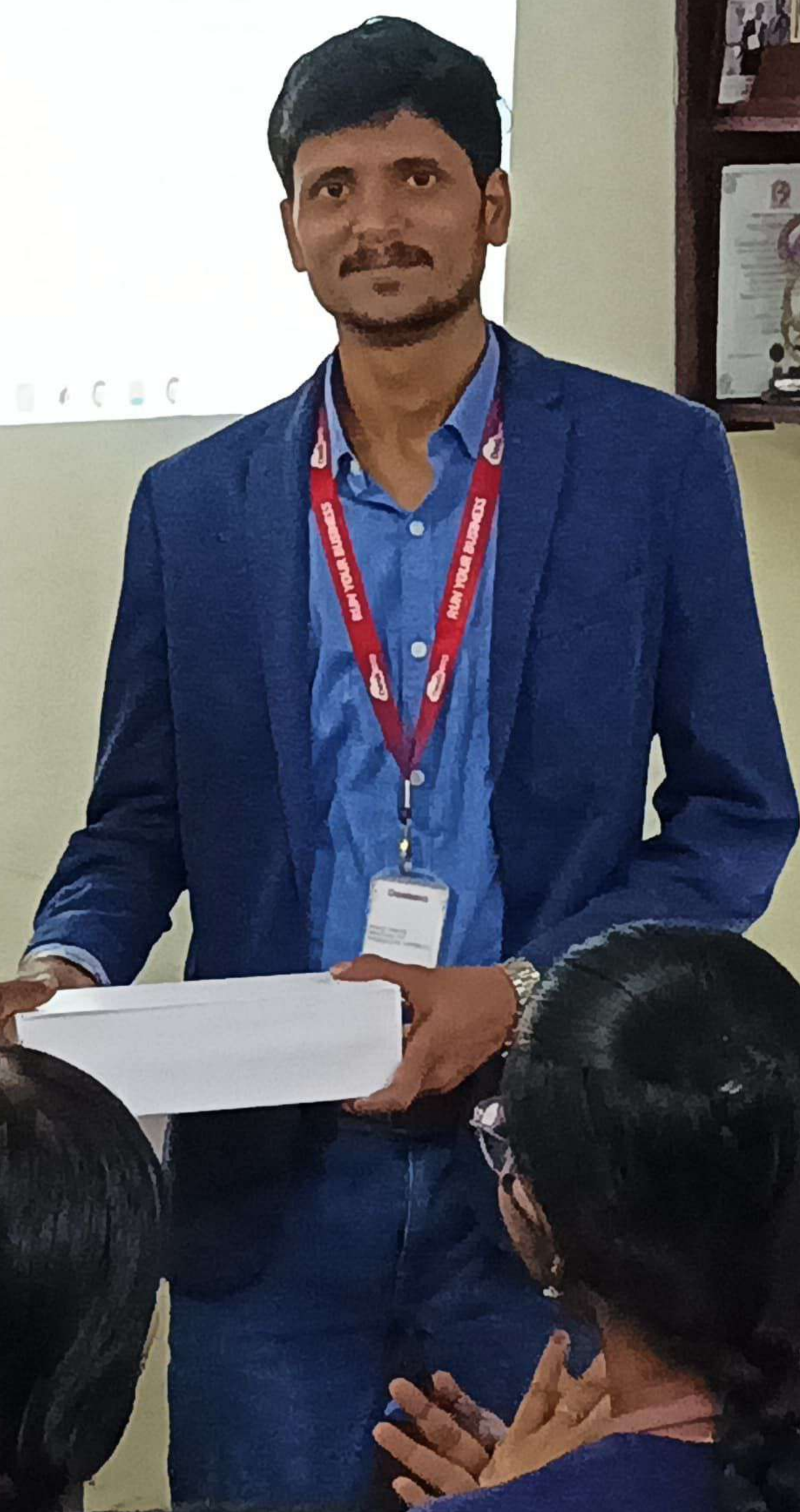
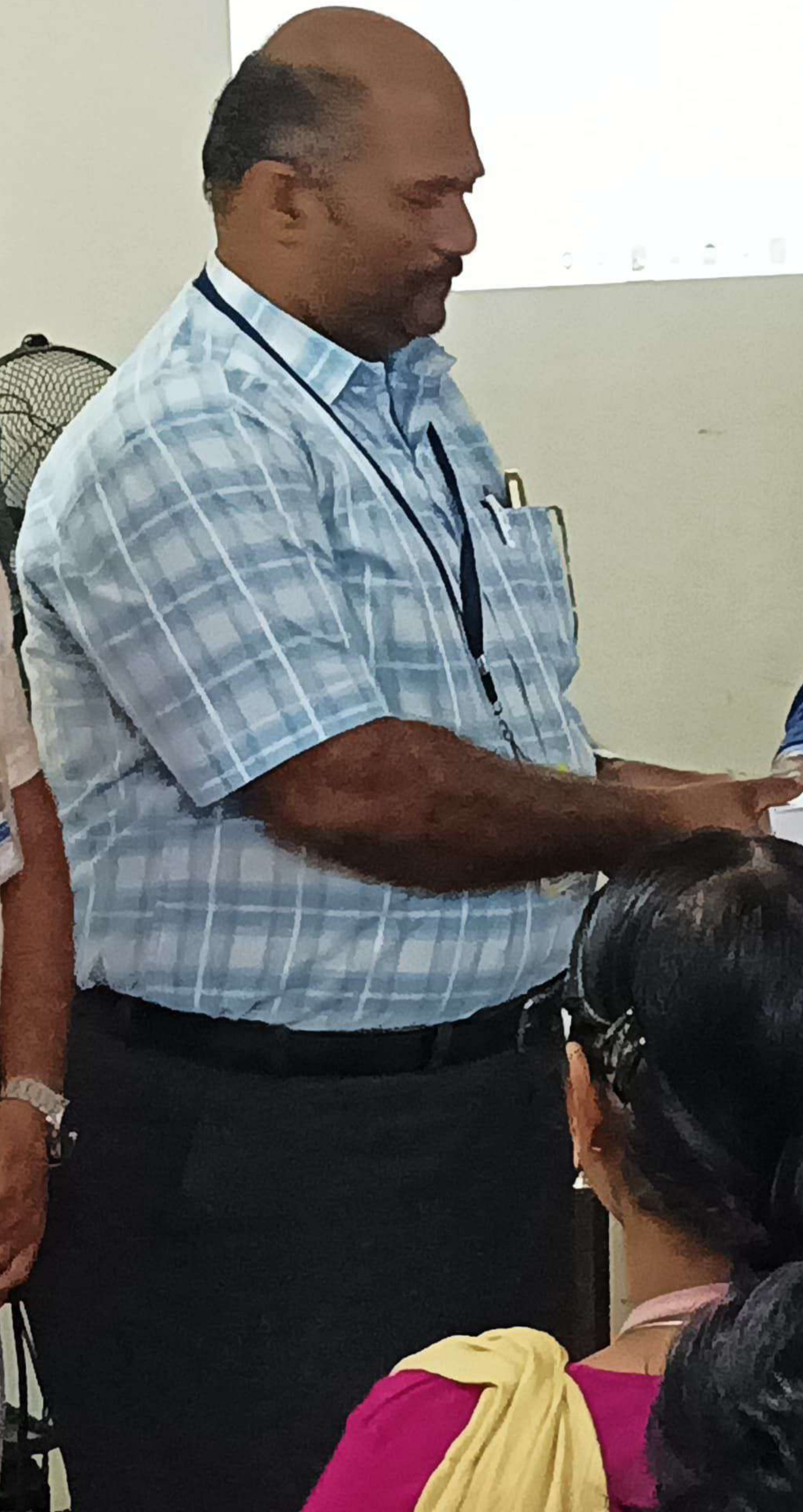
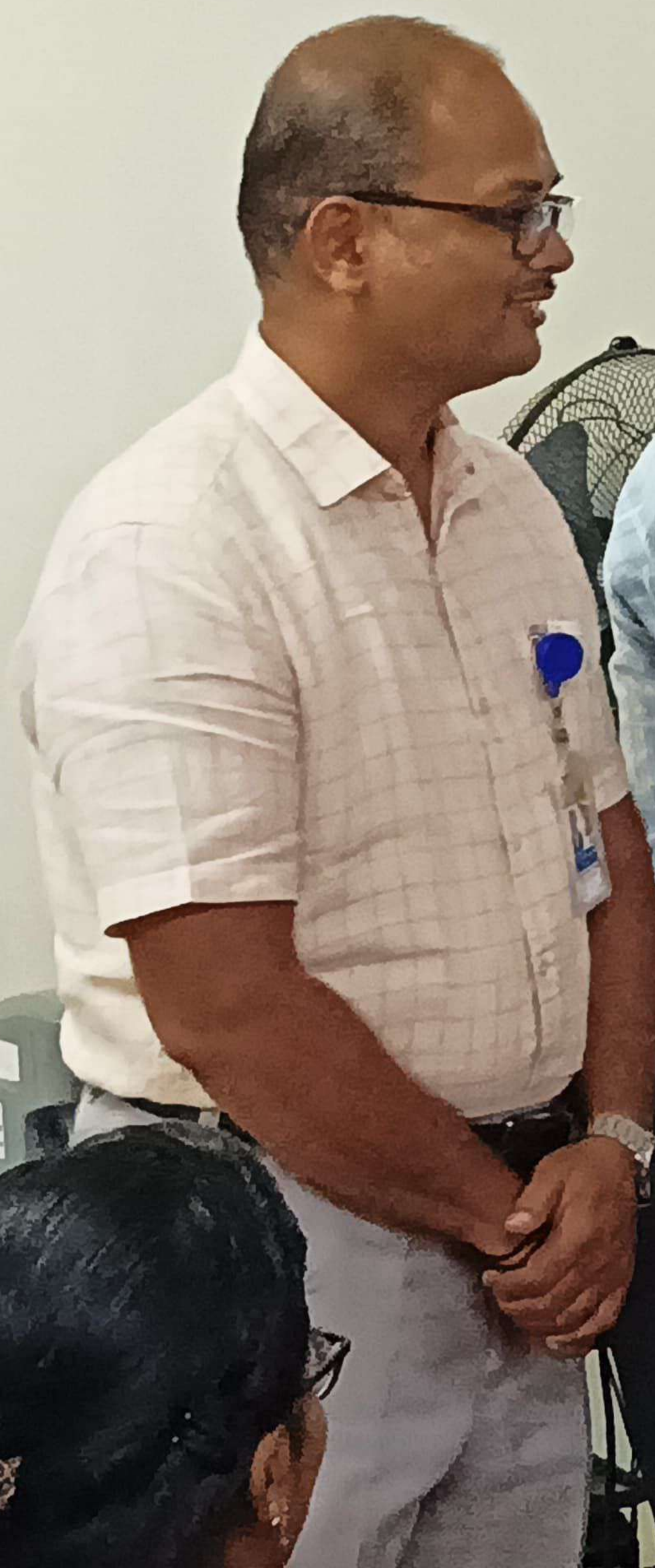
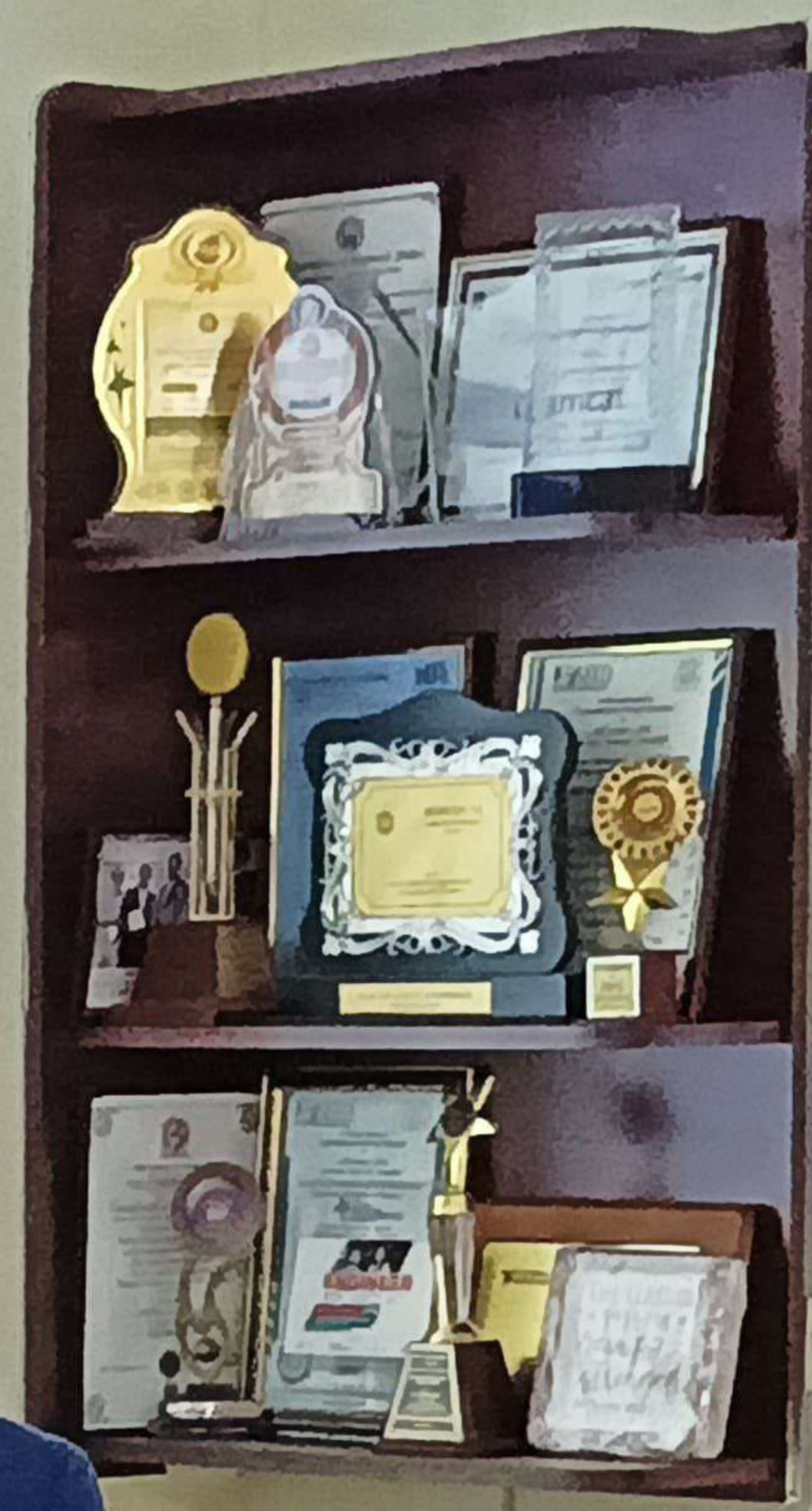
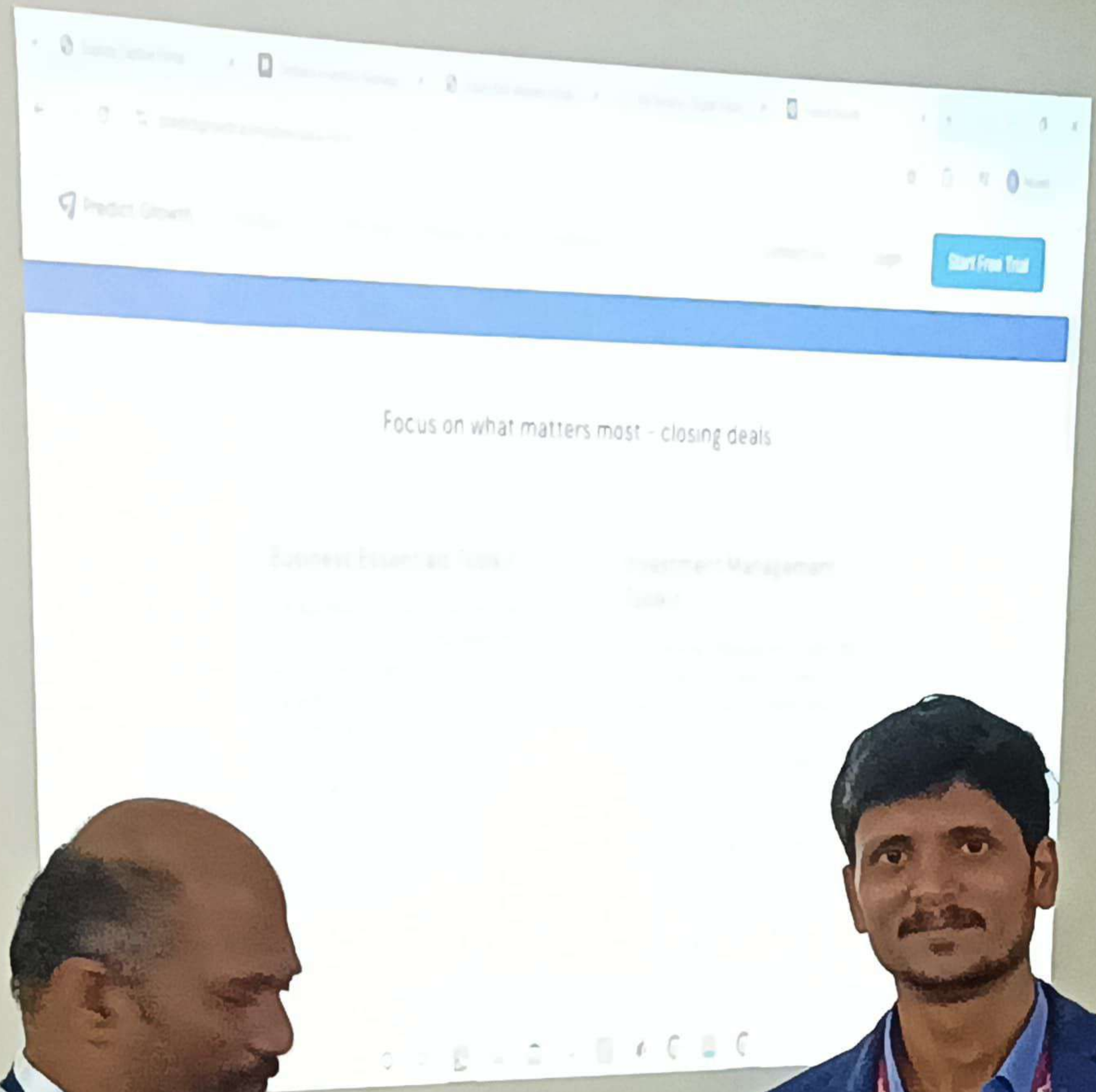
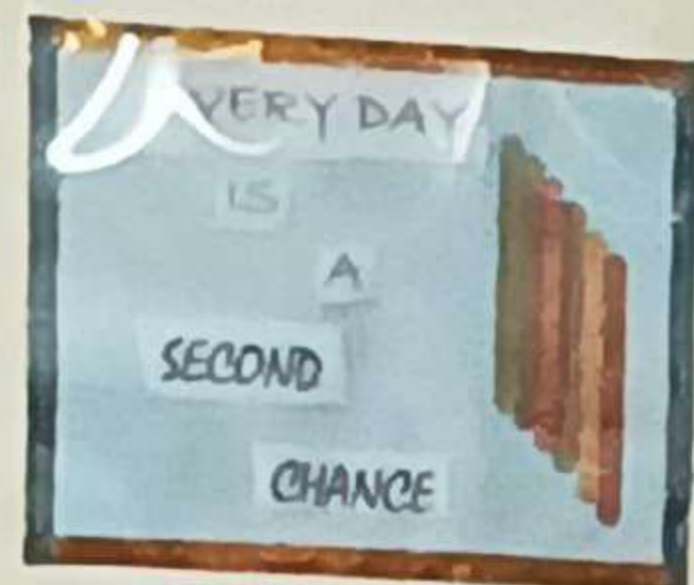


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DEPARTMENT OF ELECTRICAL ENGINEERING  
CIRCUIT THEORY  
UNIT - I  
CIRCUIT ANALYSIS  
1. Kirchhoff's Laws  
2. Network Theorems  
3. AC Circuit Analysis  
4. Power in AC Circuits  
5. Resonance in AC Circuits  
6. Transient Analysis in RC and RL Circuits  
7. Transient Analysis in RLC Circuits  
8. Steady State Analysis in RLC Circuits  
9. Maximum Power Transfer Theorem  
10. Superposition Theorem  
11. Thevenin's Theorem  
12. Norton's Theorem  
13. Reciprocity Theorem  
14. Millman's Theorem  
15. Compensation Theorem  
16. Tellegen's Theorem  
17. Bode's Plot  
18. Root Locus  
19. Nyquist Plot  
20. Polar Plot  
21. Frequency Response of Networks  
22. Fourier Series  
23. Fourier Transform  
24. Laplace Transform  
25. Z-Transform

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