

**FINAL THESIS BOOK  
CAPSTONE DESIGN**



**Advanced Genomic Profiling and Classification of Breast  
Cancer Types: Leveraging Machine Learning Techniques  
for Precision Diagnostics**

**Compiled by:**

**Aurellia Rasya Gunawan / 1101213214**

**Ghina Mufidah/ 1101213452**

**Shania Wardani/ 1101213427**

**Tia Hasna Humayra/ 1101213479**

**TELECOMMUNICATIONS ENGINEERING BACHELOR'S DEGREE  
FACULTY OF ELECTRICAL ENGINEERING**

**TELKOM UNIVERSITY BANDUNG**

**2025**