

## Quantum Hackathon Poster Presentation Template

### Poster Size

- **Standard International Academic Poster Size:**
  - **A0 (Recommended)** – Width: 841 mm × Height: 1189 mm (33.1" × 46.8")
  - **Orientation: Portrait** (preferred for conferences) or **Landscape** (if specified by organizers)

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### Poster Content Layout

#### Recommended Layout (Portrait A0):

TITLE & TEAM INFO		
INTRODUCTION	PROBLEM STATEMENT	
LITERATURE REVIEW	METHODOLOGY / DESIGN ARCHITECTURE	
PROTOTYPE & IMPLEMENTATION		
RESULTS / OUTCOMES	INNOVATION & NOVELTY	
USE CASES / IMPACT	FUTURE WORK & CONCLUSION	
REFERENCES & ACKNOWLEDGEMENTS		

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### Section-wise Content Guidelines

#### 1. Title & Team Information

- Title of the project (large bold font, ~85–100 pt)
  - Names of team members, institution/organization, contact email
  - Team logo / Institution logo / Hackathon logo
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## **2. Introduction**

- Brief background about the problem domain
  - Objective of the project
  - Relevance to quantum technology areas (computing, communication, sensing, cryptography)
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## **3. Problem Statement**

- Clearly defined real-world challenge
  - Who are the target users/beneficiaries?
  - Why it matters
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## **4. Literature Review / Prior Art**

- Summary of existing solutions
  - Gaps or limitations identified
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## **5. Methodology / Design Architecture**

- Proposed approach
  - Technology stack used (Quantum SDKs, simulators, cloud access, hybrid classical-quantum tools)
  - Include a **workflow diagram or system architecture diagram**
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## **6. Prototype & Implementation**

- Description of the prototype developed
  - Screenshots / UI mockups / hardware setup images
  - How the prototype works
  - Challenges faced
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## **7. Results / Outcomes**

- Key findings, metrics, performance graphs
  - Evidence of working prototype
  - Comparison with existing approaches (if any)
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## **8. Innovation & Novelty**

- What makes it unique
  - Potential for patent/IP
  - Scalability
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## **9. Prototype/Use Case Applications / Impact**

- Market, industry, or societal relevance
  - Possible end-users
  - Integration into existing systems
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## **10. Future Work & Conclusion**

- Limitations and planned improvements
  - Long-term vision
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## **11. References & Acknowledgements**

- Cite references in small text
- Acknowledge mentors, organizers, sponsors

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### **Design Tips**

- Use **3–4 columns** layout for portrait poster
- Font sizes:
  - Title: 85–100 pt
  - Headings: 44–60 pt
  - Body text: 24–32 pt
- Use **visuals more than text** (diagrams, icons, graphs, flowcharts)
- Use consistent **color palette** aligned with the Hackathon theme
- Include **QR code to GitHub repo/demo video** (optional but useful)