IBM Quantum

This document outlines the full schedule, track structure, and participation guidelines for Qiskit Fall Fest PNC 2025.

Schedule

Date	Theme	What we will do	Note
Nov 9	Kick off	Opening + basic about quantum computing, why qiskit, install and run circuit	
Nov 10	Fundamental	Quantum circuit, gate, measurement, superposition	Visualization eg circuit.draw
Nov 11	Entanglement and simple algorithm	Entanglement, Bell shape, Deutsch Jozsa algorithm demo	Short challenge
Nov 12	Quantum simulation	Qiskit Aer simulator, noise model, intro to real world backend	
Nov 13	Guest Seminar	*Quantum and Qiskit 101* by Soumyaranjan Swain (IBM), Virtual only	
Nov 14	Complete break		
Nov 15	Hackathon workshop and Theme revel	Teaching project idea, judging idea	
Nov 16	Working on hackathon		
Nov 17	Hackathon submission date		
Nov 18	Hackathon review		
Nov 19	Closing ceremony		

Participant Structure

This year we are going to take around 350 participate under two categories. We will select participant on the basis of their interest shown while filling form.

1) Qiskit innovator Track (Exclusive)
2) Qiskit learner Track (General)

Here is short table giving knowledge about Qiskit Innovator Track and Qiskit learner Track

Category	**Qiskit innovator Track (Exclusive)**	**Qiskit learner Track (General)**
Total Participants	50 Total → 25 Physical + 25 Virtual	Around 300 (Online)
Purpose	To provide deeper, interactive learning with mentorship and hands-on sessions.	To make Qiskit accessible for all learners through flexible self-paced learning
Mode	Hybrid (Physical + Virtual)	Fully Online
Schedule	Physical: 10:30 AM – 12:30 PM Virtual: 7:00 PM – 8:00 PM NPT (+5:45 UTC)	Based on video release schedule
Duration	Nov 9 – Nov 19, 2025	Nov 9 – Nov 19, 2025
Learning Format	Daily live classes + Q&A + Hackathon	Pre-recorded learning videos+ Hackathon
Assignments	Submit assignments daily during program	Submit within 24 hours after video release
Mandatory Attendance	All live sessions + Hackathon + Closing Ceremony	Opening Ceremony, Guest Talk, Closing Ceremony
Certificate Eligibility	1) Attend all classes 2) Submit all assignments 3) Participate in Hackathon	4) Submit all assignments in time 5) Attend mandatory events
Benefits	- Direct interaction with instructors - Earn IBM-verified certificate	- Learn Qiskit fundamentals at your own pace - Earn IBM-verified certificate

	- Hands-on Qiskit coding practice - Exclusive Hackathon access - Mentorship & networking opportunities - Featured in Closing Ceremony	- Join Qiskit global learning network
Winner Selection	1 Winner from Innovator Track	1 Winner from Learner Track
Selection Process for Participants	Based on quality of answers in registration form	Based on quality of answers in registration form
Platform	Physical: Campus venue +Discord Virtual: Google meet +Discord	Discord + Google meet

“Get ready to explore quantum computing with us!”

- Qiskit fall fest PNC 2025 team

IBM **Quantum**