

Code a Pookalam 2025 – Event Overview

Introduction

This Onam, we're bringing tradition and technology together in the most colorful way possible! **Code a Pookalam** is your chance to design stunning digital Pookalam (floral patterns) — but instead of petals, you'll be using pure code magic.

Organized by **FOSS MEC**, the event invites you to mix creativity, coding skills, and festival vibes. You can choose between two fun approaches — structured tools for quick creation or complete coding freedom for the adventurous.

Approach 1: Free-Style Coding & Design

This track is for those who love the freedom to create without limits. Use any programming language or platform — Python, JavaScript, Unity, Processing, or anything else you prefer.

If you choose **Python**, you can also use **Tkinter** or **Turtle** to craft your designs. You're welcome to explore free learning resources at **Mon.School** to boost your skills before you start.

How to Submit (Approach 1):

1. Create your Pookalam using any programming language or platform.
2. Upload your project to a public repository (e.g., GitHub) including:
 - The complete code.
 - A video showing the simulation or execution of the design.
 - A screenshot of the final Pookalam.
3. Save your code as: **YourName_Year_Organization** (College or Workplace).
Eg:JohnDoe_2025_MEC
4. Share your repository link with the organizers.

Approach 2: Code a Pookalam using Mon.School Sketches

Want to focus on design without wrestling with complex code? This track is for you! You'll be using **Mon.School's sketches**, that make creating beautiful intricate visuals a breeze. With easy syntax and ready-made functions, you can go from "blank screen" to "Wow!" in minutes. Plus, Mon.School is giving away free courses like '[Joy of Programming](#)' to help you get started

How to Submit (Approach 2):

1. Create your Pookalam as a sketch in Mon.School.
(<https://monschool.frappe.cloud/sketches>)
2. Save your sketch as: **YourName_Year_Organization** (College or Workplace).
Eg:JohnDoe_2025_MEC
3. Share your sketch's link as your submission.

Submission Guidelines

- **Submission Period:**
- **Winner Selection:** One winner only — no matter which approach they used.
- **Naming Format:** YourName_Year_Organization (College or Workplace),
Eg:JohnDoe_2025_MEC
- **Judging Criteria:** Creativity, technical skill, and how well your design embraces the Pookalam theme.
- **Originality Rule:** Your design must be completely new. **Reusing, tweaking, or borrowing ideas from previous Code a Pookalam submissions will get you disqualified.**

Tutorial Resources

Need a starting point? Try these:

- Pookalam with Python – Video Tutorial:
<https://youtu.be/08On006WNWI?si=CkRIW6UINqyXDIBH>
- Mon.School – Joy of Python Course: <https://mon.school/courses/the-joy-of-programming>