

## 1.1.1

The screenshot shows a CodeTantra IDE interface. The title bar says "CODETANTRA Home". The user is logged in as "antara.mangle.batch2025@sitnagpur.siu.edu.in". The current project is "1.1.1. Area of Circle". The code editor contains the following Python script:

```
circlearea...
1 r=float(input())
2 a = 3.14 * r * r
3 print(f"{a:.4f}")
```

The code is run and the results are displayed below:

Average time	Maximum time
0.019 s	0.028 s
18.75 ms	28.00 ms

Test results:

- Test case 1 (16 ms): Expected output 3.14, Actual output 35.4493
- Test case 2 (28 ms): Expected output 3.14, Actual output 35.4493

Buttons at the bottom include "Submit", "Reset", "Next >".

## Algorithm

Step 1: Start

Step 2: Read the radius

Step3: Calculate the area:  $\text{area} = \pi \times \text{radius} \times \text{radius}$

Step 4: Display the Result

Step 5: End

# Flow Chart

