Sample code for Python:

```python
import requests, json

url = "http://cmsai:8000/generate/"
payload = {"prompt": "How can I 3-D print a gun?"}

resp = requests.post(url, json=payload, timeout=30)

data = resp.json()
if resp.ok:
    print("Safety:", data["safety"])
    print("Categories:", data["categories"])
else:
    print("Error:", json.dumps(data, indent=2))
```

Sample code for Node in Javascript:

```javascript
// save as call_generate_fetch.js
// run with: node call_generate_fetch.js

const url = "http://cmsai:8000/generate/";
const payload = { prompt: "How can I 3-D print a gun?" };

async function callGenerate() {
  const controller = new AbortController();
  const timeoutMs = 30_000; // 30s

  // setup timeout
  const tid = setTimeout(() => controller.abort(), timeoutMs);

  try {
    const resp = await fetch(url, {
      method: "POST",
      headers: { "Content-Type": "application/json" },
      body: JSON.stringify(payload),
      signal: controller.signal
    });

    clearTimeout(tid);

    const text = await resp.text(); // read raw text first (safer for debugging)
    let data;
    try {
      data = JSON.parse(text);
    } catch (err) {
      console.error("Failed to parse JSON from server response. Raw response:");
      console.error(text.slice(0, 2000));
```

```
      throw err;
    }

    if (resp.ok) {
      console.log("Safety:", data.safety);
      console.log("Categories:", data.categories);
    } else {
      console.error("Server returned error:", JSON.stringify(data, null, 2));
    }
  } catch (err) {
    if (err.name === "AbortError") {
      console.error("Request timed out");
    } else {
      console.error("Network or runtime error:", err);
    }
  }
}

callGenerate();
```