```
void setup() {
  Serial.begin(9600);
}

void loop() {
  float battery_temp = analogRead(A0) * 0.488; // Convert analog to temperature
  float engine_temp = analogRead(A1) * 0.488;
  float battery_volt = analogRead(A2) * (5.0 / 1023.0) * 12.0;
  float vibration = analogRead(A3) / 1023.0;
  int fire = digitalRead(4); // Fire sensor

  Serial.print(battery_temp);
  Serial.print(" ");
  Serial.print(engine_temp);
  Serial.print(" ");
  Serial.print(battery_volt);
  Serial.print(" ");
  Serial.print(vibration);
  Serial.print(" ");
  Serial.println(fire);

  delay(1000); // 1-second delay
}
```