



# CALL FOR PAPER

Special issue of  
Utkal University Journal of Computing And  
Communications (UUJCC) 2025  
for

**Amrit-Peedhi**  
**Student Global Summit 2025**

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Utkal University, Bhubaneswar



## Guidelines for Technical Write-Up

Hackathon – AI Global Summit 2025

*Jointly Organized by VSSUT, Burla & Utkal University, Vani Vihar, Bhubaneswar*

*Sponsored by Department of Higher Education, Government of Odisha*

### 1. Introduction

All students participating in the Hackathon at the AI Global Summit 2025 are required to submit a **Technical Write-Up** describing the innovative idea, prototype, or solution they will showcase. The document will undergo review by a panel of three experts. After approval, it will be forwarded for **copyright grant through IP India**, and subsequently published in the **Special Issue on AI Global Summit of the UUJCC Journal**, published by the P.G. Department of Computer Science & Applications, Utkal University.

These guidelines ensure uniformity, clarity, and completeness of submissions.

### 2. Structure of the Technical Write-Up

Each team must prepare the technical document strictly using the following structure and sequence for uniformity:

#### 2.1 Title

- Concise, specific, and reflective of the project idea.
- Avoid abbreviations unless widely known.

#### 2.2 Authors' Details

Provide the following for all team members:

- **Full Name**
- **College/Institute Name**
- **Email ID (official/personal)**
- **Mobile Number**

#### 2.3 Mentor Details

- **Name of Faculty Mentor**
- **Designation and Department**

- **College/Institute**
  - **Email ID and Contact Number**
- 

### **3. Main Content Sections**

#### **3.1 Abstract (150–250 words)**

- A brief summary of the problem, proposed solution, methodology, and expected outcomes.
- Should be clear enough for experts to understand the key contributions at a glance.

#### **3.2 Introduction**

- Background and context of the problem.
- Significance, motivation, and existing challenges.
- Relevance of the idea to current AI/technology trends.

#### **3.3 Uniqueness of the Idea**

- Explain what makes the solution novel and distinctive.
- Highlight innovation, creativity, or technical advancement.
- Mention existing approaches and how your idea improves them.

#### **3.4 Competitor's Analysis**

- Identify existing products, tools, startups, or research addressing similar problems.
- Provide a brief comparison (features, limitations, performance gaps, cost factors).
- Show how your solution stands out.

#### **3.5 Technical Description**

This section should be detailed and well-structured.

##### **3.5.1 Hardware (HW) Components**

- Sensors, microcontrollers, devices, cameras, robotics components, etc.
- Justify the choice of hardware.

##### **3.5.2 Software (SW) Components**

- Programming languages, libraries, AI/ML models, frameworks, cloud platforms, databases, APIs, etc.
- Include architecture diagrams if possible.

### **3.5.3 System or Architecture Overview**

- Explain the workflow of the solution.
- Describe algorithms, data flow, and key design decisions.

### **3.6 Domain Targeting**

Specify the primary application domain(s), such as:

- Healthcare
- Agriculture
- Smart Cities
- FinTech
- Education
- Cybersecurity
- Industry 4.0
- Environment & Sustainability
- Disaster Management
- Accessibility / Social Impact  
(Choose only the relevant domains.)

### **3.7 Sustainable Development Goal (SDG) Alignment**

Identify which UN Sustainable Development Goal(s) your solution addresses.

Examples:

- SDG 3: Good Health & Well-Being
- SDG 4: Quality Education
- SDG 7: Affordable & Clean Energy
- SDG 11: Sustainable Cities & Communities

- SDG 13: Climate Action  
Explain the connection clearly.

### 3.8 Final Outcome

- Describe the expected results, prototype functionalities, performance indicators, impact, scalability, and future scope.
  - If applicable, include screenshots, diagrams, or result illustrations.
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## 4. Formatting Guidelines

The preparation of the technical writeup preparation will be guided by our volunteers from time to time as per the following criteria.

- **Document Length:** 4–8 pages.
  - **Font:** Times New Roman, 12 pt.
  - **Line Spacing:** 1.15
  - **Margins:** 1 inch on all sides
  - **File Format:** PDF
  - **Figures & Tables:** Must be labeled and referenced in text.
  - **References:** If external sources are used, follow standard citation format (APA/IEEE).
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## 5. Review and Evaluation Process

1. Each submission will be evaluated by **three domain experts** on:
  - Innovation & Uniqueness
  - Technical Depth
  - Relevance & Feasibility
  - Social and Environmental Impact
  - Alignment with AI Global Summit themes
2. The experts may suggest revisions before approval.
3. Only approved documents will be forwarded for **copyright grant** through IP India.

## 6. Publication

The AI Global Summit team will go for Copu Right Grant of selected Ideas after showcase is over. Next All selected and copyright-approved submissions will be published in the: **Special Issue on AI Global Summit – Utkal University Journal of Computing and Communications** a **Biannual Journal** Published by: **P.G. Department of Computer Science & Applications, Utkal University**

## 7. Submission Instructions

- Submit the technical write-up PDF via the official Hackathon portal/email (to be announced).
- File name format:  
**TeamName\_Title\_AI\_GS2025.pdf**
- Late submissions will not be accepted.

## 8. Contact Information

For any clarifications, teams may contact the event coordinators of:

- **VSSUT, Burla**
- **Utkal University**  
(Detailed contact information will be provided in the event circular.)

## **Technical Write-Up Template**

### **AI Global Summit 2025 Hackathon**

Title:

Authors' Details:

- Name:
- College/Institute:
- Email ID:
- Mobile Number:

Mentor Details:

- Name:
- Designation:
- Department:
- College/Institute:
- Email ID:
- Mobile Number:

Abstract (150–250 words):

1. Introduction:

2. Uniqueness of the Idea:

3. Competitor's Analysis:

4. Technical Description:

- 4.1 Hardware Components:
- 4.2 Software Components:

4.3 System/Architecture Overview:

5. Target Domain:

6. Sustainable Development Goals (SDGs) Alignment:

7. Final Outcome:

References (if any):