

## Weather-Based Prediction of Wind Turbine Energy Output: A Next-Generation Approach to Renewable Energy Management

DATE	28-02-2026
TEAM ID	LTVIP2026TMIDS90651
PROJECT NAME	Weather-Based Prediction of Wind Turbine Energy Output: A Next-Generation Approach to Renewable Energy Management
MAXIMUM MARKS	1 MARKS

### 5.3 - Project Progress Tracking:

#### 1. Zoho Cliq Workspace Structure

##### ◆ Channels Setup

Create the following channels for organized communication:

##### ✦ 1. #announcements

- Official updates
- Sprint start/end notifications
- Deadlines & evaluation updates
- Meeting schedules

##### ✦ 2. #project-discussion

- Technical queries
- Implementation discussions
- Code review discussions
- Issue troubleshooting

##### ✦ 3. #Daily-updates

- Daily progress reports
- Blockers
- Completed tasks

##### ✦ 4. #resources

- Shared datasets

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- Documentation links
- Recorded session links
- API documentation

### **✦ 5. #team-specific-channels (if multiple teams)**

**Example:**

- #team-alpha
- #team-beta

### **📅 2. Sprint-Based Tracking Method**

**Each sprint will follow a structured reporting cycle.**

#### **● Daily Progress Update Format (Posted in #daily-updates)**

**Every intern must post:**

**Format:**

**Date:**

**Sprint:**

**Tasks Completed:**

**Tasks In Progress:**

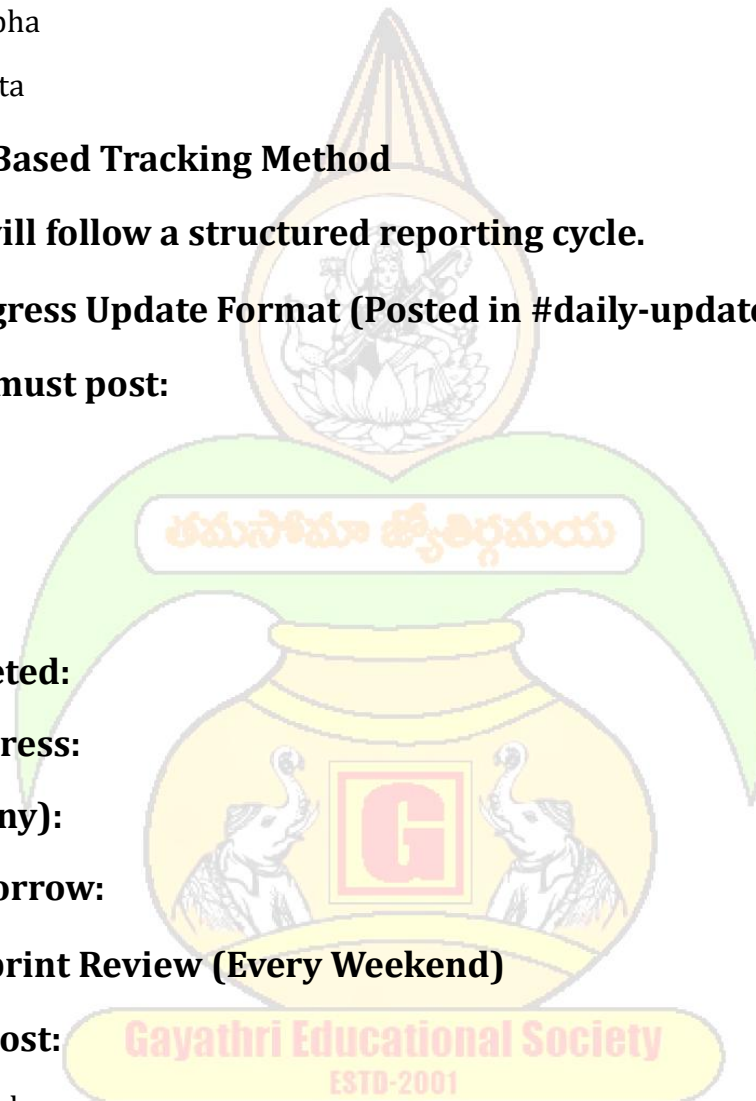
**Blockers (if any):**

**Plan for Tomorrow:**

#### **● Weekly Sprint Review (Every Weekend)**

**Mentor will post:**

- Sprint Goals
- Completed Milestones
- Pending Tasks
- Risk Areas



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- Next Week Targets





### **3. Task Tracking System**

#### **Option 1: Zoho Cliq Tasks Feature**

##### **Use built-in task management in Zoho Cliq:**

- Assign tasks to interns
- Set deadlines
- Track completion status
- Add task priority (High / Medium / Low)

##### **Task Status Workflow:**

-  **To Do**
-  **In Progress**
-  **Completed**
-  **Blocked**

#### **Option 2: Zoho Projects Integration (Optional)**

##### **For advanced tracking, integrate with:**

- Zoho Projects

##### **Use:**

- Kanban Board
- Gantt Chart
- Milestone tracking
- Automated reminders

### **4. Sprint Progress Monitoring Dashboard**

##### **Track the following metrics weekly:**

- % Tasks Completed

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- API Development Progress
- Model Accuracy Improvement
- Deployment Readiness
- Bug Count
- Attendance in Live Sessions

Mentor shares a weekly progress summary in:

👉 #announcements channel

### 5. Milestone Tracking Structure

Milestone	Week	Status	Owner	Remarks
Data Collection	Week 7-8	<input type="checkbox"/>	Team	
Data Preprocessing	Week 9-10	<input type="checkbox"/>	Team	
Model Building	Week 11-12	<input type="checkbox"/>	Team	
API Integration	Week 13-14	<input type="checkbox"/>	Team	
Web Integration	Week 15	<input type="checkbox"/>	Team	

### 6. Escalation Process

If blocker > 24 hours:

- Post in #project-discussion
- Tag mentor
- If unresolved → Schedule quick call via Zoho Cliq
- Update resolution summary in channel

### 7. Performance Evaluation Criteria

## **Weather-Based Prediction of Wind Turbine Energy Output: A Next-Generation Approach to Renewable Energy Management**

**Evaluation will be based on:**

- Daily update consistency
- Sprint milestone completion
- Code quality
- Participation in discussions
- Final project delivery
- Timely submissions

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### **Weekly Workflow Summary**

Day	Activity
Monday	Sprint planning post
Tue–Thu	Development & daily updates
Friday	Progress review
Saturday	Sprint demo
Sunday	Feedback & planning

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### **Final Outcome**

**Using Zoho Cliq ensures:**

- Clear communication
- Accountability
- Structured sprint tracking
- Real-time problem resolution
- Professional workflow management