

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:

**Gayathri Educational Society
ESTD-2001**

- 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

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Evaluation will be based on:

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



Weekly Workflow Summary

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



Final Outcome

Using Zoho Cliq ensures:

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