

July 10,2023

Monday

1. Extension of the previous project does not require 3 synopsis to be submitted
 2. Project should be research based
 3. It should be distinctive from last one
-

July 14,2023

Friday

1. Ideas like rtc solar tracker, robot with cams
 2. Suggested to do more research work in previous project
 3. Suggested to go with previous project
-

July 18,2023

tuesday

1. One synopsis in a document format must be submitted.
 2. There might be a synopsis presentation on next Monday
 3. Suggested minor changes in objectives of the synopsis
 4. Point must be new
 5. Shown the effect of tds under some light ,soil, temp and primary analysis
 6. Look out for company that may help us here
 7. There is no compulsion that we have to create our own sensors or actuators or ic chips instead of development board.
-

July 20,2023

Thursday

1. Suggested to add text files link to ppt for various concepts
 2. Suggested to keep the various ppt ready for the synopsis presentation
 3. Suggested to create cloud storage
 4. Overall ppt was well created
 5. Presentation is on 24 july
 6. Prepare to explain uniques from old to new
 7. Changes to block diagram, make it more generalized
 8. Remove working details and flow chart
-

July 31,2023

Monday

1. Recommended to follow ieee pattern of writing research paper
2. Add more reference
3. Number of ref. noted in [] each time
4. Ref, should have majority paper, then book , the article.
5. Write intro and ref serially
6. More results points needed

7. More visual results needed
 8. Description of figs and tables to be changed
-

August 5, 2023
Saturday

1. Add 2 more slides to the PPT to describe more about hydroponics.
 2. Mention the sources in the images of industrial expert PPT.
 3. Add last year's video and PPT link.
 4. The images and block diagrams were good
-

Aug, 7, 2023
Monday

1. Three questions need to be answerable through PPT, why did we select this project? What drastic change we will make in this project? How was it made more intelligent?
 2. Need to explain how and what AI will be used for nutrient supply control.
 3. Add Expected Outcome Slide in Industrial Expert PPT.
 4. Some research proposals may be very difficult.
-

Aug, 12, 2023
Saturday

1. Told to add 25 research papers in the literature review PPT
 2. Told to focus more on the literature survey, market survey, and project outcomes for the industrial expert interaction
-

Aug. 19, 2023
Saturday

1. Presented each research paper to guide
 2. Advised to contact Hanchate ma'am for the project sponsor of Electronic Wings company and get their number to contact
-

Aug, 26, 2023
Saturday

1. Told me to message Ganesh Khomne from the electronics wings regarding the sponsorship.
 2. Explained to guide the problems of pH and TDS sensors and what's the best way to avoid them
 3. Talked about the budget and I stated that the project should be affordable, hence budget should be as low as possible
-

Aug 29,2023

Tuesday

1. Communicated to the guide that our industrial expert PPT has been leaked and is circulating between the other groups, helping other groups as a big reference to do the good PPT in the minimal reporting to their guides.
 2. Shown the Partially completed simulation on Tinkercad.
 3. Discussed the camera and image processing integration to the project.
 4. We need to consider internet availability, internet stability, camera cost, dimensions, and other factors, etc. while integrating an image processing
-

Sept 9,2023

Saturday

1. There will be a rough seminar and report submission, a mock seminar, final seminar/report submission, in November starting itself.
 2. Every team member should be able to explain the appropriate amount of external research and justify arguments or solutions.
 3. Every team member must know the purpose of the components in hardware design and be able to illustrate the simulation.
 4. The flowchart should be ready and any random team member should be able to explain the flowchart.
 5. Simulation should be fully completed with all components listed, partial simulation is not allowed.
 6. The transitions and flow of the PPT should be easy to follow. Slides should be error-free and logically presented.
 7. All Team members should have a clear in-depth understanding and knowledge of the project they might ask any random member to illustrate or ask in-depth questions
-

Sept 15,2023

Friday

1. Told to write a review paper, IEEE paper format was uploaded.
 2. Got instructions to attach a plagiarism report, total plagiarism should not be more than 15%.
 3. instructed to write a seminar report, the format is shared in the classroom.
 4. The review paper Should be ready before 30 September
-

Sept 18,2023

Monday

1. Complexity of the project needs to increase(especially for electronics)
2. Use atmega as that shows complexity
3. Price doesn't matter as long as complexity rises
4. Make a report for all the cheaper alternatives you find and state thier disadvantages and cheaper alternative should be stated if as per small purchase or bulk purchase
5. Create a scaled model (atleast of two stack)

1. Both design and manufacturing of it should be done by us.
 6. For simulation use Proteus, every team members must apply for it to get student version
 7. Get review paper ready by Saturday
-

Sept 21,2023

Wednesday

1. start testing on atmega and Bluetooth for now,
 2. if you get ideas to incresea complexcity , do tell , in electronics domain
 3. if you do get alternatives make a report
 4. Changes for poster
 - a. Cut all the names and stuff
 - b. 2. For methodology put technique - iot,ai ,ml, automation
 - c. 3. Changes features and testing as per new stuff
 - d. 4. Add photo of that gragh of TDS
-

sept 23,2023

saturday

1. avaiskar discussion about presentation
 2. crops like rice or wheat need to be included in our project to have any econmical aspects
 3. we'll need to meet hod mam to show our innovation
 4. review paper work will be suspended till next saturday
 5. meeting in next week will be delayed to him being busy
-

3 oct.,2023

Tuesday

1. changes relating to abstract
 2. pronouns needs to cancelled
-

Oct 4. 2023

Wednesday

1. Don't do plagiarism check on official site till last date-cause of why I'm still confused but whatever. I'll ask later
 2. He will review it and suggest changes later
-

Oct 6,2023

Friday

1. 40 percent minimum of project should be demonstrated for this sem
2. Since varad has been comatose for this two weeks every one must do thier work, what they can do.
3. Everyone must attend thier respective sessions and not miss them on the note of "project"
4. Sir will be registering is for pro start compitition,it will in college and we will be working with agro sage group, it's has pranav b. And ashutosh

5. Changes to paper
 - a. Title-rs
 - b. Image(add reference no. To them, and link at last)-jb
 - c. Introduction starting-jb
 - d. Plants named in certain para-sc
 - Please do so later.
 6. Meeting on Saturday but late.
 7. Aviskar is not for a month or so
 8. Simulation is fine with justifiable reason
 9. Don't spam
-

Oct 11,2023
Tuesday

1. grow 10 plant at home, and take photos, you can bring any 2-3, you like
 2. spinach is not allowed, every teacher entc knows we made it last time.
 3. sir was trying to insisted to adding a microcontroller like raspi, but he is okay with this.now
 4. for this submission, on hardware implantation part - 3 test cases with cloud integration is enough
 5. how at very point in seminar, we must what we made changes as compared to last time.
 6. we need to show how awesome we are, at presentation by showing new stuff well plan to do.
 7. varad should not take stress
 8. janhavi will adding new enclouse design
 9. should do all the submission by this Saturday
 10. also explanation must have ample references to how our research paper was generated, during explanation
-

Oct13,2023
Thrusday

1. Everything must and I mean most of the presentation must be done , and shown on 21st
 2. Our project under any circumstances cannot look like last year. No spinach. He will literally cut 50% marks for it
 3. Please bring hardware of test cases on 21st
 4. I'll try matlab simulation
 5. While janhavi will try new enclosure, again can't look similar to last time at all.
 6. Varad don't take stress , honestly i feel youll get stress,as I say this but oh well sir emphasized that you should know this.
-

Oct 17,2023
Monday

1. informed sir of plants to be selected for growing
2. discussed about problems regarding fusion 360

3. enclosure design of stand was decided
 4. go for plagiarism check was given
 5. a review of details with all teammates
-

Oct 30,2023

Monday

1. Shown and explained the simulation construction and working in Wokwi.
 2. Answered why I have used Wokwi instead of other simulation software.
 3. Presented the ThinkSpeak Cloud and explained the drawbacks of it.
 4. Told the major challenges that I faced while developing the webpage (converting local into global and background link running)
 5. Sir said that a 15-second delay doesn't matter in Thingspeak as long as it's working fine.
 6. Successfully shown the working of Global webpage, Thingspeak, and Simulation hardware working all together and controlled actuator using webpage.
 7. Sir said that we should take a screenshot of all this work and add it to the PPT under the results section, it will be a good addition there.
 8. Sir said that the PPT should be shown ASAP.
 9. Make sure that we have uploaded the required documents such as the review paper, seminar, and plagiarism report to the classroom.
 10. Write a month-wise plan of action in the PPT in the points form. There can be 4-5 points under a month.
 11. About research paper publishing ,sir said to not bother looking into it, they will suggest whether to publish and where to.
-

3 Nov, 2023

1. Minor changed to be made to ppt
 2. Everyone must be ready to present both individualy and as a team.
-