100 Times Curious – Anveshana Karnataka 2021

Sl. No.	Project Title	College
1	Waste Water Sludge to Nutrient	AJ College of Engineering and Technology
2	Low-Cost Water Harvesting Pond	AJ College of Engineering and Technology
3	E-Safety	B.N.M Institute of Technology
4	Food Feeding and Raking Machine	Channabasaveshwara Institute of Technology
5	Multipurpose Agri Chopper	Channabasaveshwara Institute of Technology
6	Infojobs Bharath	Dr.Mahalingam College of Engineering and Technology
7	Smart Pharma Drug Locator	Dr.Mahalingam College of Engineering and Technology
8	Brain frequency Wheelchair	Dr.Mahalingam College of Engineering and Technology
9	Automatic Depth Control	Dr.Mahalingam College of Engineering and Technology
10	MP Based Smart Waste Segregation	Mangalore Institute of Technology and Engineering
11	Fly Ash Conc Sounds by Nature	Mangalore Institute of Technology and Engineering
12	Smart Crop-Rescuer	Mangalore Institute of Technology and Engineering
13	Low-Cost UV Sterilization Box	Mangalore Institute of Technology and Engineering
14	Classification of Alzheimer and Dementia Using Fusion and Machine Learning Techniques	Mangalore Institute of Technology and Engineering
15	Seed Quality Analysis	Mangalore Institute of Technology and Engineering
16	Thermal Resisting Safety Helmet	Mangalore Institute of Technology and Engineering

17	Experimental Investigations on Geopolymer Concrete Paver Blocks by Varying Percentage of Lead Slag and M-Sand	Mangalore Institute of Technology and Engineering
18	Design of Non-Airfoil Vawt	National Cheng Kung U University
19	Mini CNC Plotter	PES Institute of Technology and Management
20	Bio-Bricks	R L Jalappa Institute of Technology
21	Milk Adulterometer	Sambhram institute of Technology
22	COVID-19 Suraksha Bus Sanchar	Sambhram institute of Technology
23	Heat Storage Solar Crop Dryer	SDM Institute of Technology
24	Mileage Telematics	Sri Jagadguru Chandrashekaranatha Institute of Technology
25	UVC Home Protecting Agent	Sri Jagadguru Chandrashekaranatha Institute of Technology
26	Meatless Meat	Sri Sivasubramaniya Nadar College of Engineering
27	Storm Resistant Fencing Panels	VEL Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology
28	Robo Rehab	Velammal College of Engineering and Technology
29	Design and Fabrication of Automated Finger Rehabilitation Therapy Device	Velammal College of Engineering and Technology
30	Arecanut & Coconut Tree Climber	Yenepoya Institute of Technology
31	Energy Drink Using Fruits Peel	Basaveshwar Engineering College
32	A Unit of Manufacture Organic Temple Incense(DHOOP)	Hirasugar Institute of technology
33	S.M.A.R.T (Shape-Mud-Acoustic-Reinforced-Technology)	Bapuji Institute of Engineering and Technology
34	Controlled Farming of Vegetables by Aquaponics	BLDEA’s V P Dr PG Halakatti College of Engineering and Technology

35	Detection of Plant Diseases	GM Institute of Technology
36	SWASTHYA	Shri Madhwa Vadhiraj Institute of Technology and management

Waste Water Sludge to Nutrient

1. What is Anveshana?
2. What is sewage?
3. What is drainage?
4. Define sewer line?
5. Where sewage is generated?
6. Difference between sewage and runoff
7. What is Different between industrial and Domestic waste water?
8. In a sludge tank, the gas mainly produced, is?
9. Wastewater from different sources like bathrooms, kitchens and wash basins is called?
10. The average temperature of sewage?
11. Dried sewage often without treatment is used as?
12. The pH value of fresh sewage is usually?
13. The sewage is treated by aerobic bacteria action in
14. The term sewage means?
15. Why sewage should be treated
16. What is the color of fresh sewage?
17. What is the color of sludge?
18. When sludge will produce?
19. Can sludge used for recycle?
20. Normally how sludge can be handled?
21. How sludge is accumulated with Phosphorus?
22. What is the source of Phosphorous in sludge?
23. What is the use of Phosphorus?
24. Where Phosphorus is used?
25. Can Phosphorus be used for agriculture purpose?
26. Why Phosphorus is used in agriculture?
27. What is importance of Phosphorus in agriculture?
28. What are the other nutrients used in agriculture?
29. What temperature used for sludge incineration?
30. What product can obtain after sludge incineration?
31. Can Phosphorus be separated from sludge?
32. What temperature is suitable to obtain sludge ash?
33. What is the SDG we are addressing to?
34. What do you mean by sewage sludge?
35. What are the methods adopted for sewage disposal?
36. What are the ill effects of sewage sludge on land?
37. How can we reuse sewage wastes?
38. What are the components of domestic sewage sludge?
39. What is the difference between industrial and domestic sewage sludge?
40. What are the main constituents of fertilizers?
41. What are the effects of heavy metals on plants?
42. Why incineration of sewage sludge is done?
43. What are the processes involved in the project?
44. What do you mean by thermo chemical treatment of sewage sludge?
45. How can we separate Phosphorous from sewage sludge?
46. What do you mean by Acidic Leaching Precipitation?
47. What do you mean by Alkali Leaching?
48. What is the temperature adopted for incineration?
49. What are the improvements that can be done to the project?
50. Why can’t we directly apply the incinerated ash to the plants?
51. What is one of the major challenges faced while dumping domestic wastewater?
52. What is the percentage of sewage sludge treated in India?
53. What is meant by NPK?
54. How wastewater is generated?
55. What are the main steps involved in sewage treatment plant?

56. What is the advantage of Phosphorous recovery from sludge?
57. How many goals are there in Sustainable Development goal?
58. Can this project be a cost effective?
59. What is amount phosphorous generated?
60. What amount phosphorus generated in 1kg of sludge?
61. How this project is beneficiary?
62. What is the other method used for generating phosphorus?
63. Normally where the phosphorous in manufactured?
64. Which type of Industry is manufacturing phosphorus?
65. Any Manufacturing Company Names?
66. Can you compare your project with Industry?
67. How project can be implemented?
68. How marketing can be implemented?
69. Can this meet the demand?
70. Can this product given with normal market rate?
71. How do you suggest to the consumers
72. Can you compare the cost with Industry Product?
73. Tell your Summary of the project
74. Tell the project conclusion
75. What is the SDG we are addressing to?
76. What are the methods adopted for sewage disposal?
77. What are the ill effects of sewage sludge on land?
78. How can we reuse sewage wastes?
79. What are the components of domestic sewage sludge?
80. What is the difference between industrial and domestic sewage sludge?
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93. What is the percentage of sewage sludge treated in India?
94. What is meant by NPK?
95. How wastewater is generated?
96. What are the main steps involved in sewage treatment plant?
97. What is the advantage of Phosphorous recovery from sludge?
98. What are the main reasons for the presence of Phosphorous in sewage sludge?
99. Which acid is used for acidic leaching process?
100. What is the product formed after incineration?

Low-Cost Water Harvesting Pond

1. What is rainwater harvesting?
2. What is the purpose of rainwater harvesting?
3. Where is the water stored?
4. How much does it cost to store rainwater in a made-up pond for 30,000ltrs of water?
5. What are the different structures used for rainwater harvesting?
6. Is rain water safe for drinking?
7. How can rainwater harvesting be useful for agriculture?
8. What is the main aim of sustainable development?
9. What is sustainable development?
10. What is the meaning of sustainable development goals?
11. What is the use of arecanut in the project?
12. How many types of arecanut are there?
13. What does arecanut mean?
14. Why you pond important to environment?
15. Where is the best place for a pond construction?
16. Construction size of the pond?
17. What type of the soil is best for the pond?
18. What are the materials required for the construction of pond?
19. How many days are required for the construction of pond?
20. How much quantity of water can be stored in a pond?
21. What is the lifespan of the pond?
22. What is low - cost rainwater harvesting pond?
23. How it works in site or field?
24. What is cement slurry?
25. What is the ration of cement and sand used in this project?
26. What is evaporation of water?
27. How the pond is excavated?
28. What is the the standard size of pond excavated?
29. What are the different rainwater harvesting techniques practiced in different parts of the world?
30. What kind of econometric model is appropriate analysing risk of water conservation and harvesting technologies by small holder farmers?
31. What are the requirements of water harvesting in area?
32. Why does my model generate very low pet and et?
33. What are the physical requirements of water harvesting system?
34. What measures to maintain the stability of the pond sides?
35. Has anyone investigated the impact of water harvesting programs on micro climates?
36. How do i design a rainwater harvesting model in college campus in country like India?
37. Explain the level of effectiveness in sealing water harvesting pond?
38. Mention a country that has successfully implemented rainwater harvesting structure and household level?
39. Does anybody have any experience or knowledge about quality of water harvesting from air?
40. Does government provide support on rainwater harvesting project?
41. Can stored rainwater in storage tanks be used for eating and drinking?
42. How many days does it take to complete a rain water harvesting pond?
43. What are the basic components of a rainwater harvesting and conservation system?
44. What are the characteristics of a good rainwater harvesting system?
45. Can existing structures be used for rainwater harvesting system?

46. Can abandoned wells be used for rainwater harvesting system?
47. What does artificial recharge to groundwater mean?
48. What are the conventional types of recharge structure?
49. What are the benefits of rainwater harvesting?
50. What are the basic steps to begin the process of rainwater harvesting?
51. How much do recharge pit cost?
52. What are the prevention measures to be taken for the evaporation of water?
53. Test conducted on the rain water harvesting quality?
54. Explain the the weaving process of arecanut?
55. Lifespan of arecanut fibre?
56. Explain reducing water footprint?
57. Explain what is recycling the rainwater?
58. What is the ratio of cement slurry prepared in this project?
59. What is the cost of cement?
60. Is arecanut fibre really a waste product?
61. Is arecanut fibre used for any other purpose?
62. What is the quantity of water stored for 4m* 5m*1.5m of pond?
63. How rainwater harvesting system is more than simply storing rooftop water?
64. What is the quality of stored rainwater?
65. Is rain water stored enough to supply my whole family of four members?
66. What is per capita demand of water in the current day ?
67. What is the water pressure of harvesting?
68. How does the rain water harvesting system connect my house?
69. Which of the states have taken action to promote rainwater harvesting?
70. What is the current global status of fresh water ?
71. What is the current regional status of fresh water ?
72. What is water stress ?
73. What iswater footprint ?
74. Who is responsible for saving water ?
75. Is desalination a great option for fresh water ?
76. What are the available fresh water resource?
77. Is any license required for rain water harvesting ?
78. If yes who provides it ?
79. What quantity of water one can store legally for household?
80. Any limit is specified by the government for rain water storage for commercial purpose?
81. Is youth awareness happening in rain water harvesting ?
82. Is the public and private awareness rain water harvesting ?
83. What percentage of people in global level practicing rain water harvesting?
84. What percentage of people in regional level practicing rain water harvesting ?
85. Are the technical institutes doing enough to store rain water ?
86. Why is rain water harvesting not mandatory in every household ?
87. Will rain water harvesting impact surface runoff ?
88. Is there any ill effect of rain water harvesting ?
89. Stability of rain water harvesting structures has to be justified yes/ No?
90. Can rain water harvesting ponds impact the foundation of a structure ?
91. Will the sewage pits pose some harm to the quality of rain water harvesting ponds ?
92. What type of plants can be planted around the rain water harvesting ponds to prevent the evaporation?
93. Will rain water harvesting improve the ecosystem?
94. A good ecosystem should consist of what?

95. Did the early civilisations practice rain water harvesting?
96. Can rain water harvesting bring any change in the Climate?
97. Is it so important to save water? If yes then why it is charged so less?
98. Is there any bias in the system which deprives a certain sector from getting clean drinking water?
99. What is the world water crisis?
100. What is world water act?

E-Safety

1. What is Bluetooth?
2. Who Invented Bluetooth?
3. What are the advantages of Arduino?
4. What is the microcontroller used in Arduino UNO?
5. How many digital pins are there on the UNO board?
6. What is diode?
7. What is transistor?
8. What is p-n junction diode?
9. The unit of electrical resistance is?
10. Number of valence electrons in a silicon atom are?
11. The most commonly used semiconductor element is?
12. Number of protons in the nucleus of a silicon atom are?
13. The valence electron of a conductor are also called as?
14. The number of holes in an intrinsic semiconductor is?
15. Holes act as?
16. To produce P-type semiconductors, you need to add?
17. Electrons are the minority carriers in?
18. A p-type semiconductor contains?
19. How many electrons does pentavalent atoms have?
20. Avalanche in Diode occurs at?
21. The potential barrier of a silicon diode is?
22. The diode current is large for which condition?
23. The output voltage signal of a bridge rectifier is?
24. If the Zener Diode is connected in wrong polarity, the voltage across the load is?
25. Zener diode can be described as?
26. Number of PN Junctions in a Transistor?
27. The doping concentration of Base in NPN Transistor is?
28. The Base – Emitter Diode (Base – Emitter Junction) in an NPN Transistor is?
29. The size comparison between Base, Emitter and Collector is?
30. The Base – Collector Diode (Base Collector Junction) is usually?
31. The DC Current Gain of a Transistor is?
32. The majority carriers in NPN and PNP Transistors are?
33. A Transistor acts as a?
34. The relation between Base Current I_B, Emitter Current I_E and Collector Current I_C is?
35. The input impedance of Common Emitter Configuration is?
36. The output impedance of Common Emitter Configuration is?
37. What are the primary sensors and where they should be installed?
38. What is use of Proximity sensor?
39. What is use of gas detector?
40. What is use of sound detector?
41. What is use of proximity sensor?
42. An Arduino Uno is most suited for?
43. What device converts light energy to electrical energy?
44. Which device converts electrical energy to light energy?
45. What device is used to store electrical energy in an electric field?
46. What device is used to store electrical energy in an electric field?
47. Which is the instrument used to measure electrical power?
48. What is the full form of CRO?
49. The device which converts AC into DC is called?
50. Which one is the main electronic component in a rectifier circuit?

51. How many terminals does a BJT (Bipolar Junction Transistor) have?
52. What is the unit of electrical resistance?
53. Is current through a Resistor is directly proportional to its resistance?
54. How many depletion layers are there in a transistor?
55. In a P-N junction diode no mobile charge carriers are present in the?
56. What are extrinsic semiconductors?
57. Define passive component?
58. What are the characteristics of passive components?
59. Define active components?
60. What are the characteristics of active components?
61. List the different types of active components?
62. List the different types of passive components?
63. List different types of resistors?
64. Define variable resistor?
65. Define fixed resistor?
66. List different types of variable resistors?
67. List different types of fixed resistors?
68. Define potentiometer?
69. Define rheostat?
70. Define thermistor?
71. What is the basic construction of a capacitor?
72. When capacitor starts charging?
73. When capacitor stops charging?
74. What is a ceramic capacitor?
75. Define electrolytic capacitor?
76. What is an Electric Potential?
77. What is Potential Difference?
78. What is a Transit time of an Electron?
79. What is an Electron Volt(eV)?
80. What is an Electric Field intensity(ε)?
81. What is an Ionization Potential?
82. What is an electron spin?
83. What is N type Semiconductor?
84. What is P- Type Semiconductor?
85. What are conductors, insulators and semiconductors?
86. What is a mobility of a charge carrier?
87. What is mass action law and law of electrical neutrality?
88. What is transformer?
89. What is an ideal-transformers?
90. What is turns ratios?
91. What is the use of the RESET button on the Arduino UNO?
92. What are the functions of the SDA and SCL pins of the Arduino UNO?
93. What is the function of the AREF pin in the Arduino UNO?
94. What is the function of the IOREF pin on the Arduino UNO?
95. What is the full form of the I2C Protocol?
96. What does the analogRead() function do physically when invoked in a code?
97. What is the use of the Vin pin present on some Arduino Boards?
98. What are the specifications of Arduino?
99. What is embedded system?
100. Mention few real time applications of Arduino?

Food Feeding and Raking Machine

1. What is poultry?
2. What is meant by raking process in poultry?
3. What is the importance of raking?
4. What is the importance of solar energy?
5. What kind of food supplying method is adopted?
6. What type of mechanism adopted?
7. What type of motor used?
8. How much battery voltage?
9. What kind of method used for charging the battery?
10. What kind of material used for framing?
11. How much is the food carrying capacity of hopper?
12. What is the height of hopper?
13. What is the overall weight of machine?
14. Does the machine cause any damage to floor?
15. Does noise of the machine disturb birds?
16. Does litter get dry because of machine?
17. What are the dimensions of machine?
18. What is the time required for 1000 sq.ft poultry farm?
19. Does the machine run through electric current?
20. Will it helps to improve production rate?
21. Is it ok to use same machine for multiple poultry farms?
22. Is any special training required for operation?
23. Is any possible to move machine easily during non working time?
24. Maintenance of machine?
25. What is the use of poultry litter?
26. What is the average weight of the poultry bird?
27. What are different renewable energy resources?
28. What are the blades?
29. What is meant by frame structure?
30. What is stress?
31. What is strain?
32. What is energy?
33. What is electrical energy?
34. What are the different types of motor?
35. What is mechanical energy?
36. What is food energy?
37. What is hunger?
38. What is meant be litter?
39. What is the depth of litter collected?
40. How to use solar panel?
41. How the conversion of solar energy to electrical energy takes place?
42. What is a battery?
43. What is the voltage of the battery?
44. What is motor?
45. What is the voltage capacity of the motor?
46. What is a poultry bird?
47. What is a rotor?
48. What is raking?
49. What is feeding?
50. How mount blades on the rotor shaft?
51. What is a shaft?
52. What is electrical energy?
53. What are the different types of motor?
54. What is mechanical energy?
55. What is food energy?
56. What is hunger?
57. What is meant be litter?
58. What is the depth of litter collected?
59. What is solar cell?
60. How to make sunlight fall on the panel?
61. What is photovoltaic effect?
62. What is solar array?
63. What is manufacturing?

64. How the solar panel converts energy?
65. What is the amount of radiation absorbed by solar cell?
66. How to manufacture solar panel?
67. What is the voltage of panel?
68. What is the capacity of the panel?
69. What is food?
70. What are the different types of food?
71. What is waste management ?
72. What is food energy?
73. What is screw?
74. What is bolt?
75. How to feed food?
76. What are types of batteries?
77. List the types of motors?
78. What are the advantages of motor?
79. List the types of solar charge collector?
80. What is rectifier?
81. What is CAED?
82. What are the advantages of motor?
83. Why solar is useful?
84. Can solar panel run AC?
85. What is AC motor?
86. What is torque?
87. Is the machine is portable?
88. Is the machine is automatic?
89. Which type of belt is used?
90. Which type of pulley is used?
91. What is the cost of the machine?
92. What is planning?
93. Which material is used for frame work?
94. What are the applications of motor?
95. What is front view?
96. What is isometric view?
97. What is side view?
98. What is top view?
99. What does solar power cost?
100. What is charge controller?

Multipurpose Agri Chopper

1. what is chaff cutter?
2. what is fabrication?
3. what are the different types of Chopping machine?
4. what is DC motor?
5. what is plumber block?
6. Mention the types of belt used for transformation of power.
7. what is photovoltaic effect?
8. what is inverter?
9. List the types of solar charge controller?
10. what are the accidents caused during chaff cutter?
11. What is motor. List the types of motors?
12. Which material is suitable for blade design?
13. List the advantages of chopping machine?
14. List the disadvantages of chopping machine?
15. Mention the applications of chopping machine?
16. Define mechanical efficiency of motor?
17. List the parts in agri chopper machine?
18. List the types of photovoltaic panels?
19. Explian principle of operation of battery?
20. What are the types of batterys?
21. What is charge controller?
22. Mention the types of solar charge controllers?
23. What are the features of solar charge controllers?
24. What is rectifier.
25. What are the basic option for installation of inverter?
26. What is CAED?
27. What is top view?
28. What is front view?
29. What is side view?
30. What are the problems faced by older chopper machine?
31. Mention the need for new chaff cutter machine?
32. What are the objectives of chaff cutter machine?
33. Explain the working of agri chopper machine?
34. Will solar power save me money?
35. Will solar power get cheaper?
36. Can solar power be stored?
37. What are solar power advantages?
38. What is solar power inverter?
39. When does solar power work?
40. Why solar power not widely used?
41. Why is solar power useful?
42. Are solar power systems really worth it?
43. How solar power works at night?
44. Will solar power ever be viable?
45. Will solar power take over?
46. Can solar power run AC?
47. How solar power saves money?
48. Why solar power is sustainable?
49. What does solar power cost?
50. Which solar power company is best?
51. Why solar power is the best energy source?
52. Can solar power charge an electric car?
53. Will solar power reach grid parity?
54. How solar power works for dummies?
55. What are solar power cells?
56. Will solar power works after an EMP?
57. Why is solar power bad?
58. What is AC motor?
59. What is brushless DC motor?
60. What are the benefits of chaff cutter machine?
61. Which phase of current is used in agri chopper machine?
62. Why agri chopper machine is called multipurpose machine?
63. What is planning?
64. Is this machine is useful for formers?
65. What is the use of hopper?

66. How many numbers of blades used for cutting action?
67. How many amps hour is taken?
68. How many HP motor is required for this project?
69. What is torque?
70. Which type of drive is used for power transmission?
71. Is there any hazards for operator?
72. Is there required skilled operator for operation?
73. What is the cost of machine?
74. Is the maintenance easy?
75. How much voltage battery is required?
76. Which material is used for frame work?
77. Does the machine run through electric current?
78. Will it helps to increase the production rate of the grass for animals?
79. Is any special training required for operator?
80. Which type of motor is used?
81. Is the machine required more/less time when compared to existing machine?
82. How many operators required for operation?
83. What is the size of the stalk can be cuts by chopper?
84. How many watts of solar board is used?
85. How many volts solar panel is used?
86. What is the force required to cut the stalk?
87. Is there any benefit for government?
88. Is the battery charged by any method?
89. Is there any pollution caused for atmosphere?
90. Is the operating sound is more or less?
91. Is required more space for installation?
92. Is machine is portable?
93. Is the machine is automatic or manual operated?
94. What are the problems faced by chaff cutter?
95. What is the difference between horizontal and vertical chopping machine?
96. What is the difference between AC and DC motor?
97. What is the use of shaft?
98. Which type of pulley is used?
99. Which type of belt is used?
100. Is the machine is economical?

Info Jobs Bharath

1. What is the Origin of the idea?
2. What is the Objective of this project?
3. Can it be implemented in real time?
4. What are all the technologies used here?
5. Where SVM is being used?
6. How does the application process will work?
7. Which tool is being used for web designing?
8. Whether it can be developed as mobile application?
9. Does the project can be viewed in native languages?
10. What is the Scope of this project?
11. What is SVM?
12. Do you have used real time test cases for this project?
13. What is the main goal of this application?
14. Does the school students are able to understand the project?
15. How Would You Describe Your Project?
16. Who Will Benefit From Your Project?
17. Who will be benefit from your project?
18. What you have learned from your project?
19. Who will provide specifications for the project?
20. How much amount of data can be stored in backend as per now created?
21. Will You Need Any Partners or Collaborators?
22. Why you used php for DB in your project?
23. Will You Need Special Systems or Equipment?
24. How can you regret the users who are all under 18 years of age?
25. Who Needs to Review and Approve Decisions?
26. Will You Need to Use Special Tools or Templates?
27. How do u implement SVM classifier in your project?
28. What the tool used to implement SVM classifier?
29. How the labours can be scheduled?
30. What is the security mechanism you have used?
31. How much risk are you willing to take to accomplish this?
32. What are the most important areas we should always focus on?
33. What are the project's greatest assets?
34. If the project doesn't succeed, what are the implications?
35. How can you set the qualification details for educated for different works?
36. Who will furnish funds for the project?
37. Who will be giving guidelines/regulations that need to be followed while working on the project?
38. Does the application shows wages the employees?
39. What were the best features of the project?
40. What kind of motivation theories and formal techniques do you plan to use to keep the team motivated?
41. What are the activities that you plan to perform during the closing of a project?
42. How do you ensure that your project is always on track?
43. Do you have pie-charts for the implementation reach of your projects?
44. How do you begin a newly assigned project?
45. How do you monitor and review the delegated responsibilities?
46. Who will provide the wages for supervisors and other workers?
47. How do you deal with changes to your project?
48. What is your strategy for prioritizing the tasks?
49. How could the project help the people?
50. Will you use the same project or will use new technology?
51. What are the techniques you may use to define the scope of a project?
52. How does the project satisfy the concentrated goals?
53. What is your strategy for prioritizing the tasks?

54. Why we need to test your project?
55. Does the main goal of this project is to increase income only for farmers?
56. How will you handle disgruntled co workers?
57. What is the technology used for DB connection?
58. How will you communicate with other panchayats for aware of work?
59. How do you track your goals in your projects?
60. Which source helps for you to start this application?
61. What the outcome of this project?
62. Do you have a simple flow diagram of your project?
63. How will you update your project?
64. If it is developed as mobile app then does it work in both android and IOS?
65. From where you get reference for your project?
66. Advantages of your project?
67. How will you use this project for real time environment?
68. What is the need to select your project?
69. What are all the drawbacks in your system?
70. What is the data flow of your application?
71. How could it help people?
72. Explain the working of all individual components?
73. What are all the requirements for this application?
74. What are the methodologies used in your project?
75. What types of tools involved in your project?
76. Why did you choose this project?
77. What is a new innovative idea in this project?
78. Does the project already exists?
79. What further research would you like to have conducted? why?
80. What are the limitations of your project?
81. How you gathered requirements for your project?
82. What are the entities in your project?
83. Whether the application is user friendly?
84. How you test your application?
85. What are all the steps to register a host for your application?
86. Why you have chosen this project?
87. Describe about your project title?
88. What are the different modules in your project?
89. Have you analyze the system requirements for your peoject?
90. How to connect DB connection?
91. How would you handle network failures?
92. What are the best features of your project?
93. What are the ways you prefer to reach the project to people?
94. If you develop it as a mobile app then how much MB will it takes?
95. Whether you store it in cloud or local storage?
96. Why we need to choose your project?
97. Does it prefer backup?
98. Can you able to share the information of the users via different medias?
99. Explain your project flow?
100. What is the outcome of your project?

Smart Pharma Drug Locator

1. What is the name of the competition?
2. Why do we collaborate each other for this competition?
3. What we can learn from this competition?
4. What is the name of our project?
5. How does our project work?
6. What is the purpose of our project?
7. What are the applications of our project?
8. Is our project only suitable for medical shop?
9. What are the components used in our project?
10. What is mean by controller?
11. What is mean by LED?
12. What is the expansion of LED?
13. What is the purpose of the pins in the LED?
14. Why does the LED have four pins?
15. What is anode?
16. What is cathode?
17. What is diode?
18. Why we are using four pin LED instead of 2 pin LED?
19. Which controller are we using for this project?
20. What is raspberry pi?
21. How the raspberry pi works?
22. What is the role of raspberry pi in our project?
23. Why do we prefer raspberry pi over other controllers?
24. What are all the applications of the raspberry pi?
25. What are the advantages and disadvantages of raspberry pi?
26. Why the raspberry pi consists of pins?
27. How many pins are available in raspberry pi?
28. How to power up the raspberry pi controller?
29. Are the pins available in the raspberry pi controller has different functions?
30. What is the expansion of GPIO pin?
31. What is the purpose of the GPIO pin?
32. What is input and output?
33. How to give the input to the controller?
34. How to check the output from the controller?
35. What are all the various functions available in the raspberry pi?
36. What is programming?
37. How do we program the raspberry pi?
38. Which language is used to program the raspberry pi?
39. What is python?
40. How to learn the python language?
41. Is programming being tough to learn?
42. What is mean by webapp?
43. What is the difference between website and webapp?
44. How to create a website or webapp?
45. What are the contents available in our webapp?
46. What is mean by hosting?
47. What is the purpose of hosting?
48. How to host a website?
49. What is mean by cloud technology?
50. What is the purpose of cloud technology?
51. What is mean by sever?
52. What are the types of servers?
53. Can we access the data in the local server from anywhere?
54. How to store the data in the local server to the web server?
55. What is the advantage of webserver?
56. What is mean by database?
57. Why do we use database in our project?
58. What are all the things that database contains?
59. What is the expansion of IoT?
60. What is the purpose of IoT?
61. What is mean by circuit?
62. How to design a circuit?
63. What is the necessary of circuit?

64. How to connect the components in the circuit?
65. What is mean by breadboard?
66. How to fix the components in the breadboard?
67. Is there any certain way to fix the component in the breadboard?
68. Is breadboard connection only for testing purpose?
69. How to make a permanent circuit?
70. What is PCB?
71. What is the expansion of PCB?
72. How to place the components in the PCB?
73. What is mean by soldering?
74. Why do we solder the components in the PCB?
75. How to solder the components in the PCB?
76. What are all the equipment's used for the soldering purpose?
77. Why do we use single stand wire for the soldering purpose?
78. What is mean by hardware?
79. Give some examples of hardware
80. What are all the hardware used in our project?
81. What is mean by software?
82. What are all the software used in our project?
83. What is mean by interface?
84. How to interface the hardware and software?
85. What is mean by prototype?
86. Why do we make prototype?
87. What is mean by implementation?
88. How to implement our project in real time?
89. What will be the cost required for the real time implementation?
90. What is mean by advertisement?
91. Why do we advertise our project?
92. How to advertise our project?
93. What is mean by future enhancement?
94. What are all the plans that we have for the future enhancement?
95. How do we present our project in the competition?
96. How to create a presentation?
97. What are all the contents should present in the presentation?
98. Which software is used to make presentation?
99. What is mean by project report?
100. How to prepare the report and what are all the contents should present in the project report?

Brain Frequency Based Handicap Wheelchair

1. Why we are using non-invasive methods apart from an invasive and partial invasive method?
2. What is the role of the BCI in our project?
3. How many types of waves are in EEG?
4. Why the beta and gamma frequency is used?
5. What is an independent component?
6. What is the aim of our project?
7. How our wheelchair differs from the present one?
8. Where the electrodes are presented?
9. Which helps the motor circuit to work?
10. Who will use this wheelchair?
11. Where does the EEG wave is generated?
12. How the signal is transferred to the motor?
13. Which part of the brain is specified in our project?
14. What is the sustainable development goals of our project?
15. What type of current is used in our project?
16. What technology is used in our project?
17. What is IoT?
18. What kind of motor is used?
19. What is the market value of our project?
20. What is the same project at present which is similar to our project?
21. When EEG recording is started?
22. Where does this project is used in the medical field?
23. What is the FFT algorithm?
24. Why EEG method is used apart from MEG and fMRI?
25. What kind of data is used in our project?
26. What is the principle behind BCI?
27. Who will use this kind of wheelchair?
28. How does data transfer?
29. How does this project help in engineering?
30. What kind of software is used in our project?
31. What are the overviews of EEGLAB?
32. What is the work of electrodes?
33. Which provides the signals?
34. Why we are using motors?
35. How many wheels are presented in the wheelchair?
36. What is the special toolbox of MATLAB EEG?
37. What is the esp8266 module?
38. What did sensors are supposed to place?
39. How will u identify the electrodes?
40. What is the use of sensors?
41. What type of battery ‘s is used?
42. Does EEG have any side effects?
43. What does EEG provide?
44. What is the difference between EEG and MRI?
45. What is the frequency level of beta and gamma?
46. How many channels are placed in the scalp?
47. Which kind of neuron collect most of the EEG?
48. What is the difference between invasive and non-invasive?
49. What are the advantages of IoT?
50. What kind of electrodes used in EEG?
51. what is the main component in your device?
52. what is the importance of your device?
53. what is the mechanism of your device?
54. what are the advantages of your project compare with others?
55. how your project different from other projects.
56. why you undertook this project?
57. what are the struggles you face during made this project?
58. what is the MATLAB?
59. what is the main purpose of non-invasive?
60. which type of motor used in the project?

61. what is an explanation of the FFT algorithm?
62. how you classified the signals?
63. who is benefited from your project?
64. what is the brain frequency?
65. why are you using non-invasive?
66. which type of algorithm using this project?
67. how your project receives the brain waves?
68. what is the cost of your device?
69. how long does it take to reach the commend?
70. which is the type of sensor using this project?
71. which is the electrical source of your device?
72. what is the open-source of your project?
73. what is Gsm? and how it works?
74. what is the hybrid wheelchair?
75. what is the mind wave mobile headset and how it's work?
76. how you identify the channel location?
77. what are the potential applications of EEG?
78. what is the explanation of TCP/IP channels?
79. how is using in encephalopathy?
80. what is the dangerous band?
81. your project is available for children only or all age peoples?
82. what is the security of your project?
83. what is the current status of your project?
84. how many sensors are you using in your project?
85. your device components are expensive or cheap?
86. what are the activities of your project?
87. why you chose this idea.
88. how many people benefit from your project?
89. what are the disadvantages of your project?
90. what do you think about your project?
91. what are the principles of BCI?
92. what is the way to transfer the data?
93. what is the engineering uses of your project?
94. what is the market value of your project?
95. how many languages do you input your device?
96. what is the maximum speed of your wheelchair?
97. how many days wheelchairs battery can withstand?
98. can the wheelchair stop, if the obstacles crossing in front?
99. can a wheelchair run at any Slope?
100. Does the wheelchair have manual operation mode?

Automatic Depth Control

1. Does each plant require various tillage depth?
2. What is the objective of the project?
3. How our project is different from the present one ?
4. What is an actuator?
5. What is pneumatic actuator?
6. What is an Arduino board?
7. How farmers are benifited by our project?
8. What are pressure control valves?
9.which type of Arduino is used ?10 . How tiller blade adjust it's position?
11.what type of hydraulic oil is used?
12.what is a load cell?
13. What is the role of transistor?
14. What is hydraulic cylinder?
15. How hydraulic arm works ?
16. How many load cells are fixed in a tiller ?
17. How does oil flows in the hydraulic circuit?
18. How load cells are arranged ?
19. How the average pressure is Calculated?
20. Why pneumatic actuator and pneumatic cylinders are not used?
21. Why are valves fixed in the system?
22. How load cell pases the signal?
23. Why should we plough the land at same depth ?
24. Which type of pump is used ?
25. What are stress and strain ?
26. How shear strength is calculated ?
27. Which helps the actuator to move ?
28. What is the purpose of hydraulic arm ?
29. How much weight can hydraulic arm abel to lift ?30. What is a solenoid valve used for ?
31. What type of valve is solenoid valve ?
32. Where actuators are used in our project ?
33. How does solenoid valve works ?
34. Which type of tiller is used ?
35 . Is tiller blade different for each crop ?
36. What are the basic components of hydraulic system ?
37. What is mean by loop system ?
38. What is difference between open loop and closed loop system ?39. Why shear strength of the soil is important ?
40. What is the working principle of hydraulic system ?
41. Why should we use depth controller ?
42. What is an actuating system ?
43. How does the actuating system works ?
44. How does the depth control helps in crop growth ?
45. What is the use of hydraulics in this project ?
46. What is pneumatics ?47. What is hydraulics ?
48. Why should we used hydraulic position sensor ?
49. How does hydraulic oil transmits power ?
50. How hydraulics differ from pneumatics ?
51. What are the steps involved in calculating the working pressure of pump and valves ?
52. What happens if we did not use the pressure control valves ?
53. What is the uses of HX 711A/C conversion module ?
54. What is an actual size of the loadcell ?55. How can we program the Arduino board ?

56. How does the Arduino board controls the solenoid valve ?
57. How does the load cell calculates shear strength from the soil ?
58. What is shank ?
59. How much fluid is saved by our project ?
60. Where we can get oil ISO 46 ?
61. What kind of pipes are used to connect the valves and pumps ?62. what happens if actuator breaks due to overload ?
63. By using this depth control machine how much money does a farmer can save ?
64. What is the total cost to produce this machine ?
65. Is this affordable for farmers?
66. Do we have to perform the shear strength testing of soil before implementing the machine ?
67. Why should we use 4 load cells?
68. What should we fix the hydraulic cylinder ?
69. Does this system needs frequent maintenance ?
70. What does TIP stands for ?
71. Can Arduino board able to store all information about crops?
72. Have you taken field survey ?
73. How to test the load cell ?
74. What is the storage capacity of oil storage tank ?
75. Is it is possible if we use electrical battery instead of hydraulics ?
76. Is it water resistance ?77. How farmers assume the tillage depth ?
78. Connection between the load cell and Arduino is inside or outside side of the system?
79. How can we see the average pressure calculated by the system ?
80. Do we need to change the oil regularly ?
81. What is shear Strength of a soil ?
82. What are the types of tillage ?
83. Why do we for vertical tillage system ?
84. What is the formula for finding the Shear strength ?
85. What is the work of tiller blade ?
86. What type of load cell do we use?
87. What are types of ploughs ?
88. What are the properties of Hydrolic oil ?
89. What is engine governor ?
90. How many sensors do we use in our project ?
91. Is hardness and shear strength uniform throughout the land ?
92. What are the soil physical parameters that should be considered ?
93. What is overturning ?
94. What is Secondary Tillage ?
95. What is Harrowing ?
96. What is earthing up operation ?
97. Which design concept is suitable for higher loads ?
98. What is the use TIP Transistor ?
99. Why do we go for Concave disc Blades ?
100. How do we test the moisture content of the soil ?

MP Based Smart Waste Segregation

1. What is a Microprocessor?
2. What is the difference between Microproocessor and Microcontroller?
3. What are the types of waste?
4. Give some examples for E-waste?
5. Why the system is called Smart waste segregator?
6. What is a sensor?
7. What is proximity sensor?
8. Why humidity sensors are required?
9. Which processor is used in this project?
10. Why the name MP based device?
11. What is DC motor?
12. What is LCD?
13. What is IR device?
14. What is memory?
15. What is Microcontroller?
16. How to program a Microprocessor/Microcontroller?
17. What is Dry sensor?
18. What is the operating voltage of Microprocessor?
19. What is DC voltage?
20. What is ALU in Microprocessor?
21. What is an IC?
22. What is AC voltage?
23. Whether we can Program microprocessor without a memory?
24. Whether we can Program Microcontroller without a memory?
25. Give Example for a Microprocessor
26. Give example for Microcontroller
27. Why sensors are required?
28. Give example for a DC source
29. How to convert AC voltage to DC
30. What is the operating frequency of 8051 microcontroller
31. What is waste management?
32. Waste removal system was established in which of the following cities for the first time?
33. Which of the following solid wastes describes the term 'Municipal Solid Waste'?
34. Why is it difficult to recycle plastics?
35. Which of the following is done on an individual level?
36. Which of the following plans is used as a waste management plan?
37. The organic material of the solid waste will decompose
38. Which of the following wastes is called the Municipal Solid Waste (MSW)?
39. The process of burning municipal solid wastes under suitable temperature and conditions in a specific furnace is called_____.
40. The burning of solid waste is not recommended because
41. When the organic matter present in the sanitary landfill decomposes, it generates
42. Which of the following is the oldest and the most common method used to dump solid wastes?
43. The disposable wastes contain
44. How many main components are there in integrated waste management?
45. What is the most expensive component of solid waste handling?
46. What are the special facilities to separate recyclables into various streams?
47. Landfills are de-facto choice for waste management and they cause lots of problem for the environment.
48. Waste is a material that has further value to his owner and is not thrown away.
49. What Is Waste Management?

50. What Is Aerobic Composting?
51. What Is Anaerobic Composting?
52. What Is Incineration?
53. What Are The First Few Steps To Initiate A Waste Management Programme In Your Apartment Complex?
54. What Are The Different Types Of Waste?
55. What Are Ways Of Storing The Waste At Homes?
56. How Can I Dispose Of My Old, Used Tires?
57. Is A Solid Waste Permit Required For The Disposal Or Management Of Waste Tires?
58. What Are The Requirements For Removing Asbestos Floor Tile And Asphalt Roofing Material?
59. Can I Dispose Of My Household Generated Medical Waste With My Household Garbage?
60. How many major sources of solid waste are there based on their origin?
61. Which of the below is not an idea behind solid waste management?
62. The number of functional components of solid waste management is:
63. The term ISWM refers to:
64. Under which rule of Government, guidelines for solid waste management are followed today?
65. The average composition of Municipal solid waste is:
66. How many types of landfills are there?
67. What are the main components are used in this project?
68. Which microcontroller is used in in this project?
69. What is electromagnetic arm?
70. How electromagnetic arm works?
71. Electromagnetic arm consist of what?
72. What is conveyor belt?
73. How the conveyor belt works?
74. Which motor is used to rotate the conveyor belt?
75. What is the use of conveyor belt here?
76. What is moisture sensor?
77. What is Servo Motor?
78. How air blower works?
79. How DC Motor Works?
80. How the metallic waste get separated?
81. What are all the different types of waste get separated in this projseparat
82. What is the use of funnel?
83. How dry waste get separated?
84. How metallic waste get separated?
85. How wet waste get separated?
86. List any three types dry wastes?
87. List any three types metallic wastes?
88. List any three types of wet wastes?
89. What are the limitations of this project?
90. What are the advantages of this project?
91. How this project is useful for the society?
92. WHAT IS LCD full form?
93. Difference between AC current and DC current?
94. How your project useful for society?
95. What is the Major problem for many urban local bodies (ULBs) in India,
96. Which city is tops the list of Indian cities with the maximum waste generation
97. What is the effect of Improper management of solid waste?
98. What is Non-biodegradable waste
99. Give examples of non-Biodegradable waste
100. Is Waste Management effective in India?

Fly Ash Concrete Sounds by Nature

1. What is cement?
2. What is cement is made up of?
3. What are types of cement?
4. What is the average particle size of cement?
5. What is the expire date of PPC cement?
6. What is the color of concrete when it is dry?
7. types of concrete, namely as:
8. How concrete are made?
9. what is sea water made up of?
10. what is lightweight concrete?
11. what is the use of lightweight concrete?
12. What is the source of fly ash?
13. Which type of waste is fly ash?
14. what is coconut shell made up of?
15. what is difference between M sand and river sand?
16. what is river sand?
17. what is specific gravity of sea sand?
18. what is fineness modulus of sea sand?
19. what is chloride content in sea sand?
20. what is sea sand used for?
21. what is fine aggregate?
22. what is fine aggegrate used for?
23. what is coarse aggregate?
24. what is size of coarse aggregate?
25. what is coarse aggregate made up of?
26. what is difference between fine and course aggregate?
27. what is the use of coarse aggregate in concrete?
28. what is the purpose of aggregate in concrete?
29. what is the properties of aggregate?
30. what is the type of coarse aggregate?
31. what is natural aggregate?
32. what is density of aggregate?
33. what are admixtures?
34. what is unit of specific gravity?
35. why is specific gravity is so important?
36. what is specific gravity of sand?
37. what is water?
38. what is property of water?
39. what is chemical and physical properties of water?
40. How to tell the quality of M sand?
41. How much water is in earth?
42. what is composition of sea sand?
43. why are beaches made of sand?
44. why sand is important?
45. how sand is formed?
46. what is function of sand?
47. does sand grow?
48. what are the properties of good sand?
49. Why can't plants grow in sand?
50. What is NGT?
51. What is mix proportioning?
52. what is weighing?
53. what is mixing of concrete?
54. what is placing of concrete?
55. what is curing of concrete?
56. what are types of curing?
57. why curing is important?
58. how many days curing should be done?
59. how long does cement takes to settle down?
60. what is compaction of concrete?
61. Why compaction is required in concrete?
62. What are methods of compaction?
63. What are the factors influencing the compaction?
64. What is setting time in cement?

65. What is meant by initial setting time of cement?
66. Why gypsum is added to cement?
67. Which cement is best in india?
68. What do you mean by sieve analysis?
69. What is sieve analysis in soil?
70. What is IS sieve number?
71. What is hardend concrete?
72. What is fresh hardened concrete?
73. what are the properties of hardend concrete?
74. What is shrinkage?
75. What is creep?
76. What is compressive strength in concrete?
77. What is split tensile strength?
78. what is fresh concrete?
79. what is the workability of concrete?
80. what is segregation?
81. what is concrete batching?
82. what is concrete slump test?
83. what do you mean by slump?
84. what causes slump?
85. what compaction factor test?
86. what is vee-bee test?
87. what is compactibility?
88. what do you mean by M25?
89. what is minimum curing period?
90. what is the origin of sea sand?
91. what do you mean by raw material?
92. what are the essential quality of concrete?
93. what do you mean by emission?
94. what are co2 emissions?
95. what do you mean by stamped concrete?
96. what do you mean by self leveling concrete?
97. what do you mean by roller compacting concrete?
98. What is self compacting concrete?
99. What you mean by polymer modified concrete?
100. what are the uses of polymer concrete?

Smart Crop-Rescuer

1. Are there any systems similar to your project available on the market?
2. What are the sensors used to detect motion?
3. How do these sensors detect movement?
4. Do these sensors work well in bad weather conditions, such as heavy rain or snow?
5. What kind of camera is used for image processing?
6. What is the working range of the sensors?
7. What is the algorithm used in image processing for a project?
8. Is the stimulus system activated by human presence?
9. Does the network IP camera work in bad weather conditions?
10. How does a farmer know about animal intrusion?
11. What is the expected cost of the project?
12Does the system physically harm animals?
13 How do you overcome the problem of power supply in rural areas?
14. What is the working range of the camera?
15 How does the camera work at night?
16. What is the input voltage for the PIR sensors?
17. Input voltage for microwave sensors?
18. What kind of animals can this device detect?
19. What if it gets triggered by human intervention?
The chances are very likely as we have used image processing, so it does not gets triggered if it detects human
20. Do we need to install multiple devices on large land?
21. How good it will work during harsh environment like ran, fog, wind etc?
22. What is the range of the sensor?
23. how does the farm owner know about the animal intervention?
24. What are the triggering system used in this device?
25. What kind of camera is used in this system?
26. What is the processor uses?
27. How does this detect animals during night?
28. How do you supply power to all sensors and processor?
29. What is the main application of this system?
30. Will this system harm animals?
31. Will the system be able to detect rodents and reptiles?
32. Will the system work under harsh weather conditions?
33. Will the alarm go off on detecting humans?
34. Will the camera be able to detect animals at night or low light?
35. Will the system be able to record and store the series of animal intrusion event?
36. Is the triggering system same for different animals?
37. What is the range of the system?
38. Where are programs stored?
39. What is raspberry pi?
40. Which are the sensors that are connected to system?
41. What is a “PIR” sensor?
42. Do PIR sensors work at night?
43. How far do PIR sensors work?
44. How is sprayer nozzle used?
45: Will the system work in rural areas with constant power failures?
46. What is the range of flash light?
47. What type of camera is used in the system?
48. What is an IP camera?
49. How many of such system is required for one acre of farm land?
50. Will the system work for uneven lands?
51. Will the system be more effective than traditional methods?
52. What is Tensor flow?
53. What are Tensors?

54. What is a Tensor Board?
55. What are the features of Tensor Flow?
56. List a few advantages of Tensor Flow?
57. List a few limitations of Tensor flow.
58. What are Tensor Flow servable?
59. What do the Tensor Flow managers do?
60. What are Tensor Flow loaders?
61. What do you mean by sources in Tensor Flow?
62. How does Tensor Flow make use of the python API?
63. What are the APIs inside the Tensor Flow project?
64. What are the APIs outside Tensor Flow project?
65. What are the general advantages of using the Artificial Neural Networks?
66. What are some advantages of Tensor Flow over other libraries?
67. Where can you run a Tensor Flow?
68. What are the loaders of Tensor Flow?
69. What are the sources in Tensor Flow?
70. What is the main operation in Tensor Flow?
71. What are the different social survey methods can apply for human-wildlife conflict management?
72. What is the State of the Art of Low-Cost Edge Detection Techniques in an Image?
How videos are transcribed and where are the transcripts stored?
73. Define Image?
74. What is Dynamic Range?
75. Define Brightness?
76. What do you meant by Gray level? ...
77. What do you meant by Colour model? ...
78. List the hardware-oriented colour models?
79. What is Hue and saturation?
80. List the applications of colour models?
81. How to detect noisy pixel in image?
82. The spatial coordinates of a digital image (x,y) are proportional to
83. What is pixel?
84. The range of values spanned by the gray scale is called
85. Which is a colour attribute that describes a pure colour?
86. Name some of the traditional methods used by farmers to prevent wild animal attacks
87. Which most common animals that attack fields in India
88. According study which spray is considered as allergic to deer
89. What system can be used to inform animal to farmers
90. How much percentage of crops is lost annually because of these animal attacks?
91. How this system can reach large people
92. How this system can be implemented in large scale
93. How this system System is different from other competitors in market.
94. How pir sensors can be protected from environmental variations.
95. What is pir sensors?
96. What is microwave sensors?
97. How tensor flow id different from other frameworks
98. How can we protect whole system from being attacked by animal?
99. How this system will be introduced to market
100. how this system will have huge impact on farmers life?

Low-Cost UV Sterilization Box

1. Energy density required to kill a bacteria?
2. Volume inside the box?
3. What is Arduino?
4. Why Aluminum foil is used inside the UV box
5. Material used to make UV sterilization box?
6. What is UV radiation?
7. What is wavelength of UV light?
8. What wavelength does UV kill germs?
9. What effect does UV light have on bacteria?
10. Why is UVC the most dangerous?
11. Does UV light penetrate plastic
12. What is UVC sanitizer?
13. What is UV sterilization box?
14. How long does it take to sterilize a object with UV light?
15. Is UV sterilizer safe for phones?
16. How long does UV light last?
17. Is UV light safe for food?
18. What wattage of lamp we used and no of lamp?
19. Time required sterilizing a object?
20. Lifespan of UV lamp?
21. Intensity of UV lamp?
22. Are UV sterilizers safe for phones?
23. What materials can UV light pass through?
24. Do UV sterilizers kill beneficial bacteria?
25. How long should you run a UV sterilizer?
26. What is a long-term DNA defect after UV exposure that can be detected in the laboratory?
27. What is the upper and the lower limit of UV dose that UV-light resistant bacteria can tolerate?
28. Is UV sterilizer safe for baby?
29. What is the difference between UV and UVC light?
30. Does UV C create ozone?
31. Do UV lights lose their strength?
32. How hot do the lamps get?
33. Should UVC lamps be cleaned?
34. What is the disadvantage of using UV light?
35. What are the positive and negative effects of UV?
36. Do hospitals use UV light to sanitize?
37. Application of UV sterilization box?
38. What is the Irradiance required for killing COVID-19 / Bacteria / Viruses by a UVC?
39. Any effect after the use of sterilizer?
40. *How does UVC technology stand out among other disinfection methods?*
41. Effectiveness of UV Light Germicidal Sterilization?
42. What is UV Dose?
43. What is Fluence and Irradiance?
44. Benefits of UV Light for Sterilization?
45. How UV Sterilization Improves Health in Many Industries?
46. Can UVC lamps inactivate the SARS-CoV-2 corona virus?
47. Is it safe to use a UVC lamp for disinfection purposes at home?
48. Are all lamps that produce UVC radiation the same?
49. What are the different types of lamps that can produce UVC radiation?
50. Where can I read more about UV radiation and disinfection?
51. What is the FDA's role in the oversight of UVC lamps?
52. What is impact of UV-C Radiation inside the room after UV system has been switched OFF?
53. What precaution should take before using UVC sterilization?
54. Can germicidal UVC penetrate surfaces or surface?

55. What effect does UVC light have on surrounding materials?
56. To be effective, how close to the surface do the lamp need to be?
57. How hot do lamp get?
58. How often do lamp to be replaced?
59. How much intensity the UV light need to kill bacteria?
60. How can UV technology be used to treat particular viruses, bacteria and other pathogens in water, surface and airborne environments?
61. What innovations should we expect to see emerge in the UV space over the next decade?
62. Will UVC kill dust mites?
63. If I can't see UVC energy, what do I see?
64. What is inactivation?
65. What if microbes are attached to dust particles?
66. Do lamps need cleaning?
67. Should UV-C lamps be cycled with the fan?
68. How are used lamps disposed off?
69. What warranty should I expect with UV sterilization box?
70. Should UV-C products be UL Listed?
71. How do you know it's working?
72. Do you clean surfaces first?
73. Do UV-C lamps produce ozone?
74. What does UV "C" or UV "GI" mean?
75. Is UVC expensive?
76. Time required eradicate virus to particular object?
77. How safe is your UV sterilization box?
78. Can I open the UV sterilizer to add more items in between the 4-minute operation cycle?
79. Is the UV box has any detrimental effects on fruits and vegetables
80. Can bottled or packed food be sanitized by UV Sanitech?
81. What effect will UVC rays have on my mobile phone, battery, and small electronic gadgets?
82. What effect will UVC rays have on magnetic chip and strips, like the one on my credit card?
83. Can UVC rays of UVc also clean the pesticides on the vegetables?
84. Does UVc emanate any smell or odor during operation?
85. List of stuffs which can be and cannot be placed in the UV box?
86. Can I consume the things immediately or is there a cool down period?
87. Does the UV box require special power connection like in an AC?
88. How many watts do the Orient UVC?
89. Corona virus is said to be alive for different duration on different surfaces, will 4 min sanitization good enough?
90. Does it require any setup time before adding items?
91. Is it safe to keep the items in refrigerator immediately after keeping in the UV box?
92. Can UV sterilization box used in medical application?
93. How portable is UVC Sterilizer?
94. What precaution should take before and after using UVC sterilization?
95. How UV Sterilization Improves Health in Many Industries?
96. Is Sterilizer waterproof?
97. Will the UV light heat up and damage products?
98. How safe is our UV sterilization box?
99. Distance required sterilizing between object and UV lamp?
100. What is the voltage used by Sterilizer?

Classification of Alzheimer and Demenatia using Fusion and Machine Learning Techniques

1. Can Alzheimer be treated?
2. What are the symptoms of Alzheimer?
3. Which specialist should we approach if we are diagnosed with Alzheimer?
4. What is a common self-care treatment for Alzheimer
5. What are the 7 stages of Alzheimer?
6. Do Alzheimer's patients sleep a lot?
7. How long do Alzheimer's patients live?
8. Can Alzheimer be inherited from your mother or father?
9. What's the difference between dementia and Alzheimer's?
10. Do Alzheimer's patients know that they are diagnosed with Alzheimer as there is loss in memory?
11. What is SVM used for?
12. How does SVM predict?
13. What are the types of SVM?
14. When should we use SVM?
15. Why SVM takes a lot of time for training?
16. What is a support vector in SVM?
17. List some disadvantages of SVM technique.
18. What is SVM in a layman's term?
19. How do you train SVM?
20. Who proposed SVM technique?
21. What is machine learning?
22. Uses of machine learning?
23. Why is machine learning used in your project?
24. What are the types of machine learning?
25. What are the machine learning techniques used in your project?
26. What is supervised machine learning techniques?
27. Give few examples where machine learning is used?
28. What is overfitting in machine learning?
29. What is training set?
30. What is test set?
31. What is MSVD?
32. Why is MSVD used?
33. Advantages of MSVD?
34. Full form of MSVD
35. Which is more efficient? DWT or MSVD?
36. How is MSVD performed?
37. What is ringing effect?
38. What are the performance metrics used to measure the fusion efficiency?
39. How many levels of decomposition is used in MSVD?
40. How many samples have you considered for MSVD fusion algorithm?
41. Write the full form of DWT .
42. What is DWT?
43. Why do we use DWT fusion?
44. What is fusion?
45. What is the main drawback of DWT fusion?
46. How DWT fusion is performed?
47. What is the advantage of using DWT?
48. Name the fusion methods used in this project.
49. How many fusion algorithms are used in this project?
50. Why do we perform fusion of images?
51. What is the main advantage of fusion?
52. How important is fusion in this project?
53. Why did you choose the DWT fusion method?
54. What are the types of images you have used for fusion?
55. What is the performance of DWT?

56. How many samples have you taken for performing DWT fusion?
57. How many levels of decomposition has been carried out in DWT?
58. How many bands are there in the decomposition of DWT?
59. Name the bands present in decomposition of DWT.
60. What are the performance metrics used for fusion analysis?
61. What are similarities between dementia and Alzheimer?
62. What are symptoms of dementia?
63. How is dementia treated?
64. How does dementia symptoms increase?
65. Can dementia be treated? If yes how?
66. How do dementia patients need to be taken care?
67. What is fullform of knn?
68. What is knn used for?
69. How is knn used in our model?
70. Mention 3 advantages of knn
71. What is 'k' in knn?
72. Why is knn algorithm called lazy learner?
73. What are disadvantage of knn?
74. What is life expectancy of people with lewy body dementia?
75. What are causes for dementia?
76. What is the difference between knn and k-means?
77. What is B-knn
78. What is efficiency of bknn?
79. Why is knn a non-parametric learning algorithm?
80. Who developed knn algorithm?
81. What is fusion?
82. Why are multi-modal images fused?
83. What is the image size used for fusion?
84. How is the noise in the image reduced?
85. Why is it important to differntiate between alzheimer and dementia?
86. What is standard deviation?
87. What is accuracy?
88. What is recall?
89. What is precision?
90. What is fusion factor?
91. Why is the performance metrics analyzed?
92. What is medical image classification?
93. What is the need for classification of images?
94. By what factor is the image down-sampled in MSVD?
95. Why is MSVD better than DWT?
96. Name the classification techniques used in the project.
97. Mention any other classification method.
98. Do only old people get alzheimer and dementia?
99. What are multi-modal images?
100. Why are multi-modal images fused?

Seed Quality Anaysis

1. Which software tool is used?
2. Abbreviation of GLCM?
3. Abbreviation of KNN?
4. Abbreviation of RGB?
5. Abbreviation of UNSDG?
6. Abbreviation of LCD?
7. Abbreviation of GPIO?
8. Abbreviation of IEEE?
9. Which algorithm is used to determine the seed quality analysis?
10. Which classification method is used?
11. Define image?
12. What is pixel?
13. What is image processing?
14. What is a Raspberry pi?
15. Which Raspberry pi is used?
16. What is Microcontroller?
17. Why this project?
18. Define pre-processing?
19. Which algorithm is used for texture analysis?
20. Why pre-processing?
21. Why is RGB image converted to gray scale?
22. Why is gray scale converted to binary?
23. What are the parameters of shape?
24. What are the parameters of texture?
25. What is the image classification?
26. Which seed has been used?
27. What is trained data?
28. What is test data?
29. What is KNN?
30. Why KNN algorithm?
31. Why testing of the seed quality is necessary?
32. What is homogeneity?
33. What is contrast?
34. What is power of an image?
35. What is correlation?
36. What is grey co-occurence matrix?
37. What is ML?
38. What is DL?
39. Which components are used?
40. How is the seed quality analysis done?
41. What is the expected outcome of the project?
42. What is the scope of the project?
43. What is the plan to implement in large scale?
44. What is the UNSDG of project?
45. How will this project help the farmers?
46. Is this project cost efficient?
47. Why camara module is used?
48. Which camara module is used?
49. Why conveyer belt is used?
50. What is the resolution of the camara used?
51. How conveyer belt is used?
52. What is servo motor?
53. What are input output ports?
54. How much power is required for the raspberry pi?
55. Difference between servo meter and DC motor?
56. Why is LCD used?
57. Why is DC motor used?
58. Why is servo meter is used?
59. What are the steps involved in this methodology?
60. How LCD works?
61. Alternatives for KNN?
62. What is the motivation for project?
63. Which are the IEEE papers referred?
64. Time duration for the completion of the project?

65. What is the application of Image Processing?
66. What are the drawbacks of the project?
67. Which is the area focused in this project?
68. How to make this project industrial standard?
69. Why MATLAB codes?
70. What is the application of MATLAB?
71. Is this project applicable for all the seeds?
72. What is throughput of the project?
73. Why image processing method is more efficient than traditional method?
74. What is the constraints way of the traditional method?
75. How training is done?
76. What is the theoretical efficiency of KNN?
77. What is the expected efficiency of KNN?
78. How many data sets are trained?
79. What are commercial seeds?
80. Difference between ML and DL?
81. What are the factors that effects image processing?
82. Difference between RGB and Gray?
83. What is RGB image?
84. What is Binary image?
85. Difference between RGB and Binary?
86. Difference between Binary and Gray?
87. Why Gray image is converted into binary image?
88. Why resizing of image is done?
89. What is the K value in KNN?
90. What is the importance of K value in KNN?
91. Goal of project?
92. Aim of project?
93. Why this project?
94. What are the factors affecting quality of seeds?
95. Define quality of seed?
96. What is the problem faced by the farmers while differentiating seed quality?
97. How did you differentiate the trained data as good and bad?
98. What are the characteristics of good quality of seeds?
99. What are the characteristics of bad quality of seeds?
100. How color, size and shape effects the quality of seed?

Thermal Resisting Safety Helmet

1.what is safety helmet?
2.what is the use of helmet?
3.what are the parts of helmet?
4.What are all the health problems we can control by this project?
5What are the Uses of heat resistance helmet?
6.What are the types of helmet?
7. what is the weight of the helmet?
8.what is the use of helmet?
9.What type of helmets are used in military forces?
10.why helmets are not made from metals?
11.Why face shield is used in helmet?
12.What is 3D printing?
13. How 3D printer works?
14. what are the materials used in 3D printing?
15.why we used 3D printing to make prototype?
16.what is Design software?
17.what is the importance of Design software?
18.examples for design software?
19. what is heat?
20. what is solar radiation?
21. how solar radiation is produced?
22. Why astronauts use helmet?
23.what is additive manufacturing?
24.what is ratchet pawl mechanism?
25.application of ratchet pawl mechanism?
26.what is thermal conductivity?
27.what is thermal conductivity of abs polymer?
28.what is the importance of thermal conductivity?
29.which material has highest thermal conductivity?
30.which color absorbs lighter?
31. which color absorbs less light?
32. what are the types of uv radiation?
33.what is the extension of ABS polymer?
34.ABS is what type of plastic?
35.what is thermoplastic material?
36.what is thermosetting material?
37.application of thermoplastic material?
38.application of thermosetting material?
39.what is impact?
40.what is hardness?
41.what is tensile strength?
42.what is a dimensional stability?
43.application of ABS polymer?
44.what is conduction?
45.what is insulation?
46.why astronaut helmet shield is coated with gold?
47.what is helmet safety?
48.who uses red color safety helmet?
49.who uses white color safety helmet?
50.who uses green color safety helmet?
51.who uses yellow color safety helmet?
52.who uses blue color safety helmet?
53.who uses gray color safety helmet?
54.who uses brown color safety helmet?
55.what is young's modulus?
56.what is toughness?
57.health effect of sunlight?
58. sunlight contain which vitamin?
59. why thermocol used in motorcycle helmet?
60.why there are holes in helmet?
61.how does wearing helmet protects the brain?
62.what is the maximum weight for motorcycle helmet?
63.example for other safety materials?
64. what is engineering materials?

65. what is composites?
66. what is stress?
67. what is strain?
68. what is factor of safety?
69. what is injection moulding?
70. what is the use of ventilation part?
71. what is collapsible design?
72. what is the use of collapsible design?
73. What is resistance?
74. What is heat resistance?
75. astronauts use what type of helmet?
76. What are the material used in helmet?
77. what is specific size of the helmet?
78. Any electrical components are used in this helmet?
79. Does safety helmet protect me Against vehicle accident?
80. Is it suitable for welding operations?
81. what is problem analysis?
82. can we attach face shield to this helmet?
83. What is the difference between safety helmet and commonly used helmet?
84. How much air flow is required to maintain temperature?
85. what is the use of ventilation port?
86. can we use this in rainy season?
87. what is the use of back shield?
88. why collapsible design is made?
89. what are the problems faced by outfield workers?
90. what is concept?
91. how to develop concepts?
92. what is testing?
92. what are the tests made on helmets?
93. what is CAD design?
94. what is prototype?
95. shell is divided into how many parts?
96. how shell is connected between them?
97. what is standard?
98. what is the importance of standard?
99. is there any special way to hold the this helmet?
100. what is the cost of the helmet?

Geopolymer Concrete

1.what is fine aggregate?
2.what is fine aggregate used for?
3.what is coarse aggregate?
4.what is size of coarse aggregate?
5.what is coarse aggregate made up of?
6.what is difference between fine and coarse aggregate?
7.what is the use of coarse aggregate in concrete?
8.what is the purpose of aggregate in concrete?
10.what is the type of coarse aggregate?
11.what is natural aggregate?
12.what is density of aggregate?
13.what are admixtures?
14.what is unit of specific gravity?
15.why is specific gravity is so important?
16.what is specific gravity of sand?
17. what is water?
18. what is property of water?
19. what is chemical and physical properties of water?
20.How to tell the quality of M sand?
21.How much water is in earth?
22.what is composition of sea sand?
23.why are beaches made of sand?
24. why sand is important?
25.how sand is formed?
26.what is function of sand?
27. What is mix proportioning?
28.what is weighing?
29.what is mixing of concrete?
30.what is placing of concrete?
31.what is curing of concrete?
32.what are types of curing?
33. why curing is important?
34.how many days curing should be done?
35.how long does cement takes to settle down?
36.what is compaction of concrete?
37. Why compaction is required in concrete?
38. What are methods of compaction?
39. What are the factors influencing the compaction?
40. What is setting time in cement?
41. What is meant by initial setting time of cement?
42. Why gypsum is added to cement?
43. Which cement is best in India?
44. What do you mean by sieve analysis?
45. What is sieve analysis in soil?
46. What is IS sieve number?
47. What is hardened concrete?
48. What is fresh hardened concrete?
49.what are the properties of hardened concrete?
50. What is shrinkage?
51. What is creep?
52. What is compressive strength in concrete?
53. What is split tensile strength?
54.what is fresh concrete?
55. what is the workability of concrete?
56. what is segregation?
57.what is concrete batching?
58.what is concrete slump test?
59.what do you mean by slump?
60.what causes slump?
61.what compaction factor test?
62.what is vee-bee test?
63.what is compatibility?
64.what do you mean by M25?
65.what is minimum curing period?
66.what is the origin of sea sand?

67.what do you mean by raw material?
68.what are the essential quality of concrete?
69.what do you mean by emission?
70. what are co2 emissions?
71. what do you mean by stamped concrete?
72.what do you mean by self-levelling concrete?
73. what do you mean by roller compacting concrete?
74. What is self-compacting concrete?
75. What you mean by polymer modified concrete?
76.what are the uses of polymer concrete?
77. What is geopolymer concrete?
78. What is paver block?
79. What is lead slag?
80. What is M-sand?
81. What is concrete?
82. What is fly ash?
83. According to I.S.: 456, the number of grades of concrete mixes, is?
84. The mixture of different ingredients of cement, is burnt at?
85. After casting, an ordinary cement concrete on drying?
86. Permissible compressive strength of M 30 concrete grade is?
87. Curing is?
88. While compacting the concrete by a mechanical vibrator, the slump should not exceed?
89. Concrete mainly consists of
90. Workability of concrete is measured by
91. What is sea sand?
92. Specific gravity of sand?
93. What is fineness modulus of sand?
94. How Do You Measure Concrete?
95. According to IS: 382-1963, a good aggregate should be
96. Concrete gains strength due to
98. What is fly ash
99. What is compressive strength?
100. What is the full form of N/mm^2

Twisted Blade Optimization analysis of Unconventional Vertical Axis Wind

1. What are wind turbines?
2. What is the difference between HAWTs and VAWTs?
3. How do you model the turbine blade?
4. Which software is more suitable to design the blades?
5. Which software is more suitable for Analysis?
6. What kind of simulation procedures are performed?
7. What is the expected output?
8. What is an airfoil?
9. What is the significance of an airfoil?
10. What is a centerline twist?
11. What is the specified angle of twist?
12. What are the dimensions given?
13. How can you determine the results obtained?
14. What are other possible optimization techniques?
15. What is the Taguchi method?
16. What is the method involved in Taguchi approach?
17. How is torque generated?
18. What is the coefficient of power?
19. What is the min. wind velocity required?
20. What are the types of VAWTs available?
21. What is the major advantage of VAWTs?
22. Why are VAWTs more efficient than HAWTs?
23. Why is the Savonius rotor not suitable for installation?
24. How are the VAWTs differentiated?
25. What is the basic principle behind wind turbines (WT)?
26. How much power can a VAWT generate?
27. Where can VAWTs be installed?
28. How does Wind tunnel work?
29. Why wind tunnel for experimental analysis?
30. What are other experimental apparatus used for testing Wind turbines?
31. What are wind farms?
32. Can VAWTs be installed in wind farms?
33. What are hybrid wind turbines?
34. Which are more efficient WT or Solar panels?
35. What is the estimated cost for one turbine?
36. What is aerodynamics? And how it is related to WT?
37. What are the forces exerting on the turbine blades?
38. What kind of Software analysis can be made for the turbine after the computer design?
39. Can they be analyzed in matlab?
40. How to capture the performance of the turbine?
41. What kind of generators are used for VAWTs?
42. How is the generated power transferred to households and industries?
43. What are struts?
44. What is the effect of struts on the WT?
45. What is a hub?
46. What is the effect of hub on a WT?
47. What is vorticity?
48. What are the problems involved in the design of WT?
49. What is the stall effect?
50. How can the stall be reduced?
51. What is the effect of stall on WT?
52. What is pitch angle?
53. What is twist angle?
54. What is the effect of twist angle?
55. What is a surrogate model?
56. How is the RPM calculated?
57. Can the WT generate power 24X7?
58. What is the maximum velocity a WT can withstand?
59. What is nacelle?

60. Where is the generator located in a WT?
61. What are the disadvantages in VAWTs?
62. Why are VAWTs used in limited numbers?
63. What is the effect of blade design on WT?
64. What are the design characteristics of VAWT?
65. What type of analysis is done in ANSYS?
66. What is CFD?
67. Why is CFD more efficient than CFX?
68. What is a mesh?
69. What is GIT?
70. What is the significance of Meshing?
71. What are the effects of improper meshing?
72. What is structural analysis?
73. What software is best suitable for structural analysis?
74. What are the opportunities available in the wind energy field?
75. What is efficiency?
76. What is the domain involved during CFD?
77. How many domains are created from analysis?
78. What is 1D, 2D and 3D analysis?
79. What is FEM?
80. How is FEM used for WT design?
81. What are the factors that need to be considered for designing a FEM based WT model?
82. What are the different types of assembly approaches?
83. Which assembly approach is efficient?
84. What are the losses involved in the generated power?
85. What is generated power?
86. What is transmission loss?
87. What is accumulated power?
88. What is an azimuthal angle?
89. What are closed type VAWTs?
90. What are the different types of rotor designs available for VAWTs?
91. What is a cambered airfoil?
92. What is Aspect Ratio?
93. What is the desired AR for a VAWT?
94. What type of material is used for 3D printing?
95. What kind of 3D printing technique is best suitable for printing VAWTs?
96. What is vorticity distribution?
97. What is wake angle?
98. What is turbulence intensity?
99. What is Tip speed ratio? And how is it calculated?
100. What is solidity? How is it important for VAWTs?

Mini CNC Plotter

1. Abbreviate CNC.
2. What is CNC machine?
3. What are the components used in this mini CNC project?
4. How many motors are used in this project?
5. What is stepper motor?
6. What is servo motor?
7. Why cooling fan is used?
8. Mention the RPM & voltage required by cooling fan.
9. What is microcontroller?
10. Which microcontroller is used in mini CNC?
11. What is the use of motor driver shield?
12. Which motor driver shield used in this project?
13. Which microcontroller is used here?
14. What is arduino?
15. What are Cartesian co ordinate directions?
16. Which are the motors mounted in X,Y,Z directions?
17. What is the use of servo motor in Z axis?
18. Where did you get this stepper motors?
19. What is lead screw?
20. What is the mechanism of lead screw in stepper motor?
21. Abbreviate I.C.
22. What are the software or applications used in this project?
23. Why is thermal heat sink attached?
24. Can we use DC motor instead of stepper motor.
25. What kind of pen is used in this machine for drawing?
26. Why LED light is used?
27. What is the voltage required for mini CNC plotter?
28. Can we use AC voltage instead of DC voltage.
29. What are the programming languages used in this project?
30. How to convert 2-D image into G-Code?
31. What is G-Code?
32. How to upload programme to Arduino board?
33. How to run G-Code?
34. Which software is used to run the G-Code?
35. How to slow down the machine?
36. Can machine speed be controlled in programme.
37. Can we pause the machine when it is drawing.
38. How to select the axis of draw?
39. What are the dimensions given to the axis?
40. Which cable is required to connect between computer and machine?
41. Can we draw any 2-D image.
42. Can we draw coloured image in this machine.
43. Can we use this machine for home work writing.
44. How much time is required to draw the image?
45. What happens if we do not use the cooling fan in machine?
46. Why is it necessary to use heat sink?
47. Why is nut & bolt arrangement there, instead of welding?
48. Where do you get stepper motor in CPU?
49. If any wire gets damaged how do you know?
50. Can we run this machine by using 12v battery?
51. Where we get these software?
52. Can all the components that you used in this project is available in local market.
53. Can machine draw if there is problem or error occurred in software.
54. What are the main parts of CNC plotter?
55. Write is the circuit for CNC plotter connection
56. How would you programme a mini CNC plotter?
57. Can anyone operate this machine with just a basic computer knowledge.
58. What are the default dimensions of the axis to draw in machine?
59. Can we draw the image without entering dimensions.
60. Whether the dimension must be in MM or CM.

61. What happens if we increase the voltage more than 12V?
62. What happens if we reduce the fixed voltage?
63. Can we replace or insert a new pen if ink gets utilised.
64. How heat sink will reduce heat?
65. The heat sink is made up of which material?
66. Differentiate between 3-D printing machine and mini CNC plotter.
67. Is this machine cheaper than available 3-D printing machines?
68. Can this machine run without computer.
69. What are the operations can be done if we replace this pen with drill bit?
70. Can we use 3-D printing extruder & filament spool instead of pen with this mini CNC plotter.
71. By replacing pen with drill bit can we use it for wood designing.
72. How laser cutting can be done with the idea of this mini working model?
73. What are the industrial machining can be done with CNC model?
74. Can we use this project for industrial application.
75. How can you use it as large scale in industries?
76. CNC
77. What are the different CNC machines uses in industries?
78. What does a CNC machine operator do?
79. What are the materials can be cut in CNC machines?
80. What are the applications of CNC machine?
81. How do you programme a CNC machine?
82. What is machine control unit?
83. How does a CNC work?
84. What is CNC programming?
85. What is G-code?
86. What is CNC controller?
87. What is an NC programmer?
88. What is the CNC milling?
89. What are different types of CNC machine?
90. Can everyone operate CNC machine.
91. Is coolant necessary for CNC machine?
92. What are the advantages of mini CNC plotter?
93. What are the disadvantages of mini CNC plotter?
94. What are the applications of this project?
95. Where to find an arduino program?
96. Who helped you to make correction in G-ctrl & Arduino programme?
97. What is conclusion of this project?
98. What is future scope for this project?
99. When did you done this project?
100. What is the final cost of this project?
101. Can Mini CNC plotter upgrade for industrial use?

Bio-Bricks

1. What is Bio Bricks?
2. What is Bio waste?
3. What is the use of doing project?
4. Components used for formation of Bio Bricks?
5. How we get Rice Husk?
6. Effects of Rice Husk?
7. Alternate use of Rice Husk?
8. Apparatus used for formation of Bio Bricks?
9. Size of Mould box?
10. Size of Brick?
11. Weight of Brick?
12. Types of Plastic?
13. Which type of Plastic used?
14. Why Single use plastic only used?
15. What is the quantity of plastic used?
16. Which is the type of binding material is used for making brick?
17. How gum is produced?
18. Define brick?
19. Define weight?
20. SI unit of weight?
21. Which are the mechanical properties of brick?
22. Disadvantages of gum?
23. How much amount of rice husk produced yearly?
24. Which country produces the highest amount of rice husk?
25. Effect of burning rice husk?
26. How can we control burning of rice husk?
27. Draw backs of clay bricks?
28. Why we need to replace clay bricks with bio bricks?
29. What can be achieved by replacing bio bricks with clay bricks?
30. Is bio bricks is have more strength than clay bricks?
31. Testing process of Bio bricks?
32. What are the tests conducted for bio bricks?
33. Define compression strength?
34. Define tensile strength?
35. Define water absorption?
36. Effect of soil erosion?
37. Effect of air pollution?
38. Effect of increase in atmosphere temperature?
39. Amount of rice husk need to prepare a brick?
40. Different types of gums?
41. Which type of gum used?
42. Why araldite and epoxy resin is used?
43. Why cow dung is used?
44. Amount of cow dung used?
45. Chemical name of gum?
46. Chemical formula of gum?
47. What is the life span of bio brick?
48. Chemical formula of plastic?
49. Is it an ecofriendly or not?
50. What is the dimension of Brick?
51. What is the different types of bricks?
52. What is the life span of bricks?
53. Define density?
54. Define stress?
55. Define strength?
56. Define mass?
57. Define volume?
58. SI unit of mass?
59. SI unit of volume?
60. SI unit of stress?
61. SI unit of strength?
62. SI unit of density?
63. Why do we use lime stone?

64. Where do we get lime stone?
65. What are the properties of limestone?
66. Advantage of using lime stone?
67. Amount of red soil used?
68. Why do we used red soil?
69. What is the chemical name of limestone?
70. What is the chemical formula of limestone?
71. What is the lubricant used on moulding?
72. Define roughness?
73. Define surface finishing?
74. Name the machine used for testing the brick?
75. What is wood waste?
76. Where do we get wood waste?
77. Quantity of wood waste used?
78. Types of wood waste used?
79. Other uses of wood waste?
80. Different types of moulding methods?
81. Procedure of making bio brick?
82. What are the different types of bricks?
83. Draw backs of bio bricks?
84. Cost of bio brick?
85. What is the time taken to make a bio brick?
86. What is the temperature at which bricks are manufactured?
87. Does bio brick smell?
88. Does the bio brick bind with concrete?
89. How long does it take to make a brick?
90. Is curing is necessary for bio brick?
91. Different types of pollution?
92. What happens when we through plastic on land?
93. What happens when we through plastic into water?
94. Does plastic affects the Human beings?
95. Does plastic affects the animals?
96. Is the plastic decompose in land?
97. What happens when you burn the plastic?
98. Uses of cow dung?
99. What is Anveshana?
100. When Anveshana start?

Milk Adulterometer

1. What is temperature sensor?
2. Which temperature sensor is used in the project?
3. What is operating voltage of the DS18B20 temperature sensor?
4. What is the measureable temperature range of DS18B20?
5. How accurate is the DS18B20?
6. What is the operating current of DS18B20?
7. What DS18B20 temperature sensor is used in the project?
8. What is the response time of DS18B20?
9. At what temperature the milk must be maintained?
10. How does the DS18B20 temperature sensor works?
11. At what temperature the bacteria in the milk can be destroyed?
12. Which are the heat sensitive vitamins present in the milk?
13. How many bit value the DS18B20 temperature sensor can read?
14. What are the types of temperature sensors?
15. How many pins does the DS18B20 temperature sensor have?
16. Why thermometer is not used in the project?
17. What is the difference between thermometer and temperature sensor?
18. How a 1-wire temperature sensor does works?
19. What are the applications of temperature sensor?
20. Why is temperature sensor better than thermometer?
21. Which is the healthiest milk?
22. What is the percentage of water in cow’s milk?
23. How the water content in the milk can be found in the project?
24. Why lactometer is not used in the project to find the diluted milk?
25. What happens if the milk is diluted?
26. What parameters of milk will be changed when it is diluted?
27. Why do we need to monitor the temperature of the milk?
28. Why the milk should be heated at every 2-3 hours?
29. What happens if the milk is boiled above 100 degree Celsius?
30. What is homogenization?
31. What is pH sensor?
32. What is the use of pH sensor in our project?
33. What is the pH range for water?
34. What is the pH range of pasteurized milk?
35. What is the pH range of spoiled milk?
36. What does pH<7 indicate?
37. What does pH>7 indicate?
38. What does pH=7 indicate?
39. What is the operating voltage of pH sensor?
40. Which type of pH sensor are we using in our project?
41. What is the measuring temperature of pH sensor that we are using in our project?
42. Mention the adulterants present in milk?
43. What do you mean by adulteration?
44. What is the color of cow's milk?
45. What is the color of Buffalo's milk?
46. What is the difference between cow's milk and Buffalo's milk?
47. What is the name of the protein present in milk?
48. What is the difference between cow's milk and goat's milk?
49. What are the effects of adulteration on humans?
50. What are the main nutrients in milk?
51. What is the pH of pure water at 25°c?
52. What does the pH of the solution signify?
53. Mention the types of fields where pH scale is important for measurements?

54. What happens to the pH of the solution if a little acid is added to water?
55. Out of lemon juice and apple juice which one would have lower pH?
56. The pH of a solution is 4.5. How does this solution affect a litmus paper?
57. Which is the simplest pH meter? /Name the simplest pH meter?
58. The pH of the body is maintained at____.
59. Who had invented the pH Scale?
60. What is gas sensor?
61. Which type of gas sensor is used?
62. What is the use of gas sensor?
63. How does the gas sensor work?
64. Which gas sensor is used in our project?
65. Name the gases present in milk?
66. Why urea is added in milk?
67. How many types of gas sensor are there?
68. Why gas sensor is used?
69. What are the advantages of gas sensor?
70. How to detect the presence of gas in a milk?
71. What is the temperature of gas sensor?
72. What is MQ135 gas sensor?
73. How MQ135 is is different from other gas sensor?
74. How MQ135 gas sensor does is used?
75. What is moisture sensor?
76. What is the moisture content of milk?
77. What is the temperature of moisture sensor?
78. What is soil moisture sensor?
79. What is the use of moisture in our project?
80. What are the advantages of MQ135 gas sensor?
81. What are the disadvantages of MQ135 gas sensor?
82. How does moisture sensor work?
83. What is the range of moisture sensor?
84. What level of moisture is acceptable?
85. What are the advantages of moisture sensor?
86. What are the disadvantages of moisture sensor?
87. How moisture content is determined?
88. What is moisture level of milk?
89. Which adulterant is used in milk?
90. What is meant by viscosity?
91. What is the viscosity of pure milk?
92. What are the components used in viscosity sensor?
93. What is the working principle of viscosity sensor?
94. Why is photo diode used in viscosity sensor?
95. What is the chemical composition of milk?
96. What is variation in viscosity if milk is adulterated?
97. What all adulterants of milk can be identified with the help of viscosity sensor?
98. What is the microcontroller used in the device?
99. How much watt power is required for your device to work?
100. How is the device better than chemical ways of detection?

COVID-19 Suraksha Bus Sanchar

1. What is the meaning of Suraksha Sanchar?
2. What is Arduino?
3. Why should we use Arduino?
4. Which are the languages in which Arduino can be programmed?
5. What are the advantages of Arduino?
6. What are the operating voltages of Arduino?
7. What is the accuracy of MLX90614 Temperature sensor?
8. What should be the minimum distance between the object and the sensor for the detection of temperature
9. What is the operating voltage of the Temperature sensor?
10. What is the working principle of MLX90614 Temperature sensor?
11. RFID stands for?
12. Mention the operating frequency of RFID.
13. Mention the required voltage for RFID.
14. Mention the operating voltage of IR sensor.
15. What are the ranges of IR sensor?
16. What are the current ratings of IR sensor?
17. Mention the operating temperature of RFID.
18. Explain the working principle of IR sensor.
19. Mention the operating voltage of Ultrasonic sensor.
20. Mention the operating current of Ultrasonic sensor.
21. What is the working frequency of Ultrasonic sensor?
22. What is the range of Ultrasonic sensor?
23. Explain the working principle of Ultrasonic sensor.
24. What is the operating speed of servo motor?
25. What are the applications of servo motor?
26. What type of power supply is used in this project?
27. How many numbers of pins are present in Arduino board?
28. Explain how the data is transmitted between the sensor and the Arduino.29. Mention the size of OLED display.
30. What is the resolution of OLED display?
31. What is the viewing angle of OLED display?
32. What is the minimum voltage required for the operation of OLED display?
33. What are the different types of display?
33. Which is the software used for programming?
35. What is the operating voltage of DC motor?
36. What is the use of RFID tag?
37. Which type of sanitizer is used for dispenser system?
38. Mention the content of alcohol present in sanitizer.
39. What is the full form of IDE?
40. Why do we use IR sensor only?
41, What is the minimum distance required for the dispenser system?
42. How do we program Arduino?
43. Explain the development of Arduino board.
44. Mention the types of Arduino.
45. What is the difference between the Arduino UNO?
46. Why Arduino NANO is used?
47. Which tool is used for Arduino programming?
48. Why bootloader is used in Arduino programming?
49. How to install Arduino software? Is it a free version or paid version?
50. What are the advantages of RFID?
51. How does RFID card work?
52. What are the other applications of RFID CARDS?
53. How far does the RFID signal travel?
54. How long does the RFID tag last?
55. Can mobile phone be used to detect RFID?
56. What are the main issues associated with RFID?
57. What are the basic types of chips available in RFID tags?
58. Does RFID tag have the ability to read many tags at once?
59. Mention the different types of RFID.

60. Who invented RFID?
61. What are the different types of Jumper wires?
62. What type of jumper wire is used to connect from Arduino and board?
63. What is OLED lightning?
64. Mention the difference between OLED and LED?
65. What is the life time of OLED?
66. What is the minimum power required to turn on OLED?
67. Does the OLED light harm humans?
68. Mebtion the advantages of LED.
69. Which are the materials used to produce Infrared LED?
70. What are the applications of OLED?
71. Is OLED better than LED? Why?
72. What is the temperature required for soldering?
73. Which is the type of PCB used in th project?
74. What are the types of PCB?
75. Which are the materials used in PCB?
76. Why passenger count Technology is used?
77. What is the aim of our project?
78. What are the objectives of Covid19 Suraksha Bus Sanchar?
79. What is anode and cathode?
80. How to specify the anode and cathode in the LED?
81. Why are we implementing this project?
82. What is Jupyter notebook?
83. What do you mean by face mask detection?
84. Mention the Technology behind face mask detection.
85. What is the meaning of open source?
86. Where are Jupyter notebooks saved?
87. What is Python? Mention its extension for saving?
88. What is the full form of CNN?
89. Can live code be shared using Jupyter?
90. Is mask detection an important aspect during the COVID-19 situation?
91. What are the languages supported by Jupyter IDE?
92. Explain the working of CNN?
93. Mention the classifications of CNN.
94. Why do we use Jupyter notebook for face mask detection?
95. Does Jupyter notebook support editing?
96. Why face mask is mandatory during the crisis?
97. What do you mean by Integrated development Environment?
98. Does all programming language require an IDE?
99. How can we implement this project in large scale?
100. Explain the future scope of this project?

Heat Storage Solar Crop Dryer

1. What is moisture?
2. Difference between dry air and wet air?
3. How can moisture be removed from substances?
4. What happens to food substance when hot air passes through it?
5. Why there is loss in weight of food substance after drying process?
6. Can all vegetables and fruits be dried?
7. Why food substance should be dried?
8. Does solar dryer remove complete moisture?
9. Give some examples of food that are not wasted due to drying?
10. What is furnace?
11. What type of furnace used here?
12. What is the function of this furnace?
13. How air is heated in off sunny days?
14. How to heat air in furnace?
15. What are agricultural waste than can be used in furnace to burn?
16. How are solar dryers helpful to farmers?
17. What is solar energy?
18. What is solar dryer?
19. Why we need to use solar energy?
20. Why we need to dry food?
21. Is dried food contain same quantity of nutrients?
22. What is solar collector?
23. Why pebbles are used?
24. Why pebbles are painted black?
25. Is gap between glass and pebbles necessary?
26. Why glasses are used in solar dryer?
27. Why solar collector should be insulated?
28. How pebbles absorb heat?
29. Why can't hot air escape from solar collector
30. Why solar collector is placed in an angle?
31. What is the minimum temperature required to dry food substance?
32. What is the maximum temperature required to dry food substance?
33. What is the temperature that can be achieved in our solar dryer?
34. What is meant by mixed mode in solar dryer
35. What is direct solar dryer?
36. What is indirect solar dryer?
37. Why we are using mixed mode solar dryer rather than any one indirect or direct
38. Is this can be used in other geographical area
39. What is drying chamber
40. Why the trays are noted shape
41. Why air outlet is in top
42. Does density of changes
43. What is the density of air?
44. What is the density of air after air is heated?
45. Why hot air goes upwards
46. What are the different types of solar dryer?
47. What are hose pipes?
48. What natural convention of air?
49. What is forced convention of air?
50. What are Thermometers?
51. Why does the temperature differ in 2^{nd} ,3^{rd} trays?
52. Methods to reduce the escape of heat air.
53. Why thermochole is used in dryer?

54. How weight of product reduces?
55. Why thermometer is used?
56. Why should dryer is used rather than open drying?
57. What is the maximum temperature can be achieved?
58. Any chances of burning of food substance due to overheat?
59. Does it require frequent observation?
60. How black paint is effective?
61. Why do we need solar collector?
62. At what direction should this to be placed?
63. What is the slide angle for collector?
64. What are the alternatives of pebble?
65. What are the other ways to dry food substance?
66. How is heat loss avoided in dryer cabin?
67. Is this is user friendly for farmers?
68. How to reduce temperature if it raised more than required?
69. Can solar collector and furnace be used at same time?
70. Does moisture escape from dryer cabin outlet?
71. Does wood act as an insulator?
72. Does quality of product remain same?
73. How much does the temperature vary from tray to tray?
74. What is the minimal temperature for drying?
75. What is specific heat?
76. What is the material used for tray?
77. On what principle does solar dryer works?
78. What should be the collector glass thickness?
79. What is shelf life of dried food items?
80. What temperature can be obtained by furnace?
81. What is solar radiation?
82. What is solar power meter?
83. What is the most popular use of solar dryer?
84. Which is the best surface suited to absorb sun light?
85. Why is open dryer harmful for food?
86. What is dehydration of food?
87. What are the methods of dehydration?
88. What is the power from the sun intercepted by the earth?
89. What kind of food substance cannot be dried?
90. Does heat loss takes place in pipe fitting?
91. Does plastic act as an insulator?
92. What type of furnace used here?
93. What is the specific heat of gravel?
94. what is the density of gravel?
95 what is thermal conductivity?
96. What is heat exchanger?
97. what is solar constant?
98. what is the basic principle of harnessing solar energy?
99. what is the different solar thermal?
100. what is the thermal diffusivity?

Mileage Telematics

1. What is Anveshana?
2. What is the topic of your project?
3. What is mileage telematics?
4. What is Telematics?
5. What is mileage?
6. What are sensors?
7. On what bases the sensors work?
8. How do you connect the components?
9. What is jumpers?
10. How do u provide the power supply to the prototype?
11. What is your project about?
12. What is the main objective of your project?
13. What is domain of the project?
14. Why did you choose Ultrasonic sensor over other sensors?
15. What are the benefits of this Digital indicators?
16. Where do you fix the sensor?
17. What are the voltage range of the sensors?
18. How does user notify in case of low fuel?
19. What is the name of the Android application?
20. Can this prototype implement in all vehicles?
21. What is the cost of the project?
22. Which type of current is used (AC or DC)?
23. What is AC?
24. What is DC?
25. What can be future enhancements?
26. Does anyone already done this project?
27. Where are you storing the data?
28. What are the software requirements used?
29. What is the programming language used?
30. What is Python?
31. Why Python?
32. Where do use the python?
33. What is Raspberry PI?
34. What is microprocessor?
35. What is the minimum power supply given to the device?
36. Which type of Raspberry PI?
37. What is the size of the Raspberry PI?
38. Why did you Raspberry pi over Arduino?
39. How the fuel leakage is detected?
40. Which sensor is used for leakage is detection?
41. What is digital indicator?
42. What is Analog indicator?
43. What is the important of digital indicator?
44. Why is Digital indicator better over Analog fuel Indicator?
45. Tell us about Literature survey?
46. How many base papers did you study?
47. How is level been calculated?
48. What type of cloud is used?
49. What is firebase?
50. What is the use of firebase?
51. How firebase is developed?
52. How flutter is built?
53. What is flutter?
54. Is Flutter being open source application?
55. How software app is developed?
56. How to access the software app?
57. Does your system have Dashboard that can be fixed to the vehicle?
58. What are the future implementations of the project?
59. What is main factor for mileage calculation?
60. What all formula used?
61. What is IOT?
62. How IOT is implemented?
63. What are hardware components?
64. What are software components?

65. What is the cloud application in the project?
66. What are applications of the project?
67. What are advantages of the project?
68. How is your device different from analog indicator?
69. Can your mobile application have used by other users?
70. What is another telematics application?
71. Which are the ieee papers are u referred for your project?
72. Which display is used?
73. What is the difference between LCD and LED?
74. What is OLED display?
75. What is OLED?
76. Why OLED display is used?
77. How display works?
78. What is the full form of OLED?
79. What is the use of OLED display?
80. What are the features of OLED display?
81. How Does Connected Vehicle Work?
82. How does ultrasonic sensor measure distance?
83. How is fuel measured?
84. Can your project identify the quality of the fuel?
85. How is emergency notified to user?
86. Can user carry the device anywhere?
87. Does your project can be purchased by reasonable price?
88. What is GPS?
89. What is the use of GPS?
90. What is the size of your project?
91. What is the weight of the project?
92. What is the safety of the app used?
93. How to use the software application?
94. What are the advantages of the project?
95. What are the disadvantages of the project?
96. What are the benefits of the project?
97. Is project is an eco-friendly?
98. What are the applications?
99. Is the cost of this device being benefit for present technology?
100. Is your prototype being user friendly?
101. What is the limitation of the device?

UVC Home Protecting Agent

1. What is LED ?
2. Difference between LED and UV-LED?
3. What is Electromagnetic Radiation?
4. What is Electromagnetic Spectrum?
5. Different types of electromagnetic waves?
6. What is the frequency of radio waves?
7. What is the frequency of micro waves?
8. What is the frequency of infrared wave?
9. What is the frequency of visible light?
10. What is the frequency of UV rays?
11. What is the frequency of X-rays?
12. What is the frequency of X-rays?
13. What is the frequency of gamma rays?
14. What are the uses of radio waves?
15. What are the uses of infrared waves?
16. What are the uses of visible light?
17. What are the uses of Ultra violet Rays?
18. What are the uses of gamma rays?
19. What are the uses of X-rays?
20. What are the source of UV radiation?
21. Types of UV rays?
22. What is UVA rays?
23. What is wavelength of UVA?
24. What is UVB?
25. What is the wavelength of UVB?
26. What is UVC?
27. What is wavelength of UVC?
28. What are the applications of UVC?
29. What are the dis-advantages of UVC?
30. What is Bluetooth?
31. How UVC harmful to Humans?
32. What is the range of Bluetooth?
33. What is Micro Controller?
34. Types of Micr5o controller?
35. What are the uses of Micro controller?
36. What is 8051 Microcontroller ?
37. What are registers in Microcontroller ?
38. List Interrupts available in 8051 Microcontroller?
39. What is Stack pointer in8051 Micro controller?
40. List some features of 8051 micro controller?
41. What is interrupt service in microcontroller?
42. What is an interrupt?
43. Explain the architecture of 8051 microcontroller?
44. What is address Bus?
45. What is Data Bus?
46. What is control Bus?
47. Which interrupt has the highest priority in micro controller?
48. List some 8051 Micro controller applications in embedded system?
49. What are the applications of 8051 microcontroller?
50. What is PIC micro controller?
51. What is the use of PIC Microcontroller?
52. What is ARM microcontroller?
53. Where are ARN chips are used?
54. List some 8051 microcontroller interrupts?
55. List some microcontroller Examples?
56. What are data pointer in 8051 Micro controller?
57. What is embedded microcontroller?
58. List major components of microcontroller?
59. What are the different types of microcontrollers?
60. How long does UV light takes to kill bacteria?
61. Can UV kill corona virus?
62. How does UV light kills bacteria?
63. Is UV light safe?
64. Can UV be used on a human body?

65. Do germicidal UVC lamps kill viruses?
66. How often the lamps need to be replaced?
67. How much intensity do I need to kill certain organisms?
68. Can germisidal lamps can be turned on and off continuously?
69. How do germicidal lamps kill?
70. How Hot do lamps get?
71. To be effective how close to the surface the lamps need to be?
72. What damage do the lamps do to humans?
73. What effects does UV light have on surroundings materials?
74. Can germicidal lamps penetrate surface or substances?
75. How are UVC lamps used to disinfect the air?
76. What safety precaution should be taken when using germicidal UVC?
77. How does it affect germs?
78. Does it work?
79. How do you determine the square footage that one germicidal lamp will cover?
80. What does UV "C" or UV "GI" mean?
81. Do UV-C lamps produce ozone?
82. Does UV-C replace filters?
83. Do air filters remove microorganisms?
84. How do you size UV-C applications?
85. Is UV-C hard to install?
86. Where is it installed?
87. Do you clean surfaces first?
88. How do you know it’s working?
89. Should UV-C products be UL Listed?
90. What warranty should I expect?
91. How are used lamps disposed off?
92. Should UV-C lamps be cycled with the fan?
93. When do you change lamps?
94. Do lamps need cleaning?
95. How are lamps cleaned when necessary?
96. What if microbes are attached to dust particles?
97. What is inactivation?
98. If I can't see UVC energy, what do I see?
99. Will UVC kill dust mites?
100. Can UVC save energy?

Meatless Meat

1. How does plant-based meat contribute towards growing globalisation?
2. Why there is a need for plant-based meat?
3. Why do we use jackfruit as the main ingredient when plant-based meat is already available with soy bean?
4. What is a role of jackfruit and mushroom?
5. What is the purpose of adding xanthan gum?
6. What do we add to bring to the colour of meat?
7. Why it is considered sustainable?
8. What are the values of jackfruit?
9. Will it compete with the existing market?
10. What will be challenges faced by the market?
11. What are the sustainable development goals under which this project comes under?
12. Does it reduce the usage of water resources when compared with meat production?
13. How does it help poverty people?
14. What are the environmental issue that can be solved from this?
15. How is jackfruit peeled?
16. As jackfruit-based meat arrives, will demand for jackfruit increases?
17. Does addition of beetroot juice spoil the taste of the meat?
18. Does boiling of jackfruit make it lose its nutrients?
19. What is the protein content of this plant-based meat when compared the animal meat?
20. What makes its texture appear like a meat?
21. Which gives the juiciness for the meat?
22. Why is coconut oil being added to it?
23. What is the cost of one kg of meat?
24. What do you think will make people get attracted towards plant-based meat?
25. Do you think that people be suddenly accept the product?
26. Does it affect the existing food chain?
27. Does jackfruit help in weight loss?
28. Is the product gluten and soy free?
29. What will be the major challenge in recreating meat?
30. Is plant-based meat healthy?
31. Why there is a need of plant-based meat at this moment?
32. Is it economical?
33. Is it highly processed?
34. Does addition of chemicals or preservatives make it toxic?
35. How is it made available to the market?
36. Name a few companies that have already produced plant-based meat?
37. Why do we need protein?
38. What is carbohydrates?
39. Why do we need vitamin b12?
40. What is the role of nutritional yeast?
41. Why meat doesn't have carbohydrates?
42. How is veganism spreading in India?
43. What do you mean by being a vegan?
44. What is gluten?
45. Why gluten is harmful?
46. What is soy?
47. Why soy is harmful?
48. How can we store our product?
49. What are the major ingredients?
50. Why do we add dried shiitake mushrooms?
51. What are the side effects of soy?
52. What are the side effects of gluten?
54. How does this revolution help our farmers?
55. What will be the shelf life of our product?
56. How do we pack the product?
57. How do we distribute the product?

58. What is a xanthan gum?
59. What are being added in broth?
60. How is meat being produced in factories?
61. Do you think it will be major turn towards vegetarians?
62. Does consuming plant-based meat affect our health?
63. Will addition of beetroot juice change the taste of the meat?
64. Why coconut oil and sunflower oil being added?
65. Does meat production affect human poverty?
66. Does meat production lead climate change?
67. Does meat production cause pollution to our environment?
68. What will be factors that attract people towards plant-based meat?
69. Does plant-based meat stop increasing demand on meat production?
70. Does all the flexitarians need to shift towards plant-based meat?
71. Will plant based meat affect the existing trend on meat consumption?
72. Why do we add shiitake mushrooms when other mushrooms are available?
73. Does it provide the necessary nutrients that are need for our body?
74. Does it provide the necessary fat and cholesterol required for our body?
75. What will be problems that might be faced when it is conducted in large scale?
76. Does gum produced in jackfruit affect the taste of the product?
77. What will be the price of our product?
78. Will the price of the product attract more people to buy it?
79. Will it decrease the usage of water?
80. Does it reduce the land required when compared to animal meat production?
81. Will the antibiotics given to animals affect us when consumed?
82. How do you prepare the jackfruit chunks?
83. Can we make dishes from all cuisine?
84. Why do we add potato protein?
85. What is the reason for adding froze coconut oil?
86. How do you think you can popularise the product?
87. Will the meat producers cause a hinderance?
88. What is an advantage of using jackfruit as a main ingredient?
89. What are the benefits of being a vegan?
90. Why do we need carbohydrates for our body?
91. What are the sustainable goals under which the project comes under?
92. What makes jackfruit to be an ideal substitute for meat?
93. How much of calories does jackfruit contain?
94. How does plant-based meat relate to carbon food print?
95. Does addition of spinach enhance the taste?
96. Will the product be made easily available to the people?
97. What might lead to success of the product?
98. What are the other minor ingredient added to the product?
99. Does peeling of jackfruit requires a lot of energy?
100. Will this product make people stop eating animal meat overnight?

Storm Resistant Fencing Panels

1. What is the full form of SRPF?
2. What is mean by storm?
3. What is mean by resistance?
4. What is the main aim of this project?
5. How these fencing panels were made?
6. What are the advantages of using this fencing panels?
7. What are the other replacements for these fencing panels?
8. What are the materials used for making this fencing panels?
9. Whether your project is eco-friendly or not?
10. Whether this project produce any e-waste?
11. What are the major advantages of this project?
12. What is the height of those fencing panels?
13. How much pressure these fencing panels can handle?
14. What is the structure of your fencing panels?
15. How many years these panels can withstand?
16. What is your motivation for doing project?
17. What are the complications you faced while doing this project?
18. Whether this project is implemented practically or not?
19. Whether these panels were replaceable or not?
20. What is the Future Application of your projects?
21. Where do you see your project in next 5 years if it success?
22. What is the total price for this project?
23. Can you decrease the price of your project more?
24. Where will be your area of focus in landscape wise?
25. What is the further Enhancement possible in your project?
26. Why did you select this structure, Reason?
27. Will it withstand high speed wind?
28. Is there a similar Project like yours out there in market in your knowledge?
29. Mention the name of the place where the problem is identified?
30. Describe 5 lines about problem statement?
31. Give some names of storms mentioned in project that effected in devastating of trees and agricultural fields and ended up in huge loss for respective farmers?
32. What would be the estimated amount for every hectare of the coconut grove that had been destroyed in the cyclone?
33. Give the list of materials that are used to build a panel?
34. Describe the 5 stages in developing a prototype?
35. Is there any need of electrical/electronic components?
36. What was the reason behind using funnel shape portion?
37. Is there any scope of generating electricity & how?
38. What is the use of cotton buds?
39. Describe the whole idea in your own word as how it will be helped for our society?
40. What are the major disadvantages of this project?
41. Could you give the reason why do you selected this problem statement?
42. Can you reduce the size of the fencing panels?
43. Why have you used only cloth type material for the funnel?
44. Whether you can use this panels in any season?
45. What are the major areas in India we get storms frequently?
46. How can correlate our project to our daily life?
47. What is the main reason for choosing dome shaped panels?
48. For how much amount of pressure these panels can with stand?
49. What is the length and height of each panel individually?
50. What is the length of the funnel?
51. What is the length of the cotton cloth?
52. What is the width of the cotton cloth?
53. What is the main theme for choosing bamboo sticks?
54. What are the issues you are facing by taking long bamboo sticks?

55. Whether this project can be movable or not?
56. How much each panel can cover?
57. How can you improve this project by reducing its cost?
58. How can you get the raw material?
59. What are the other plants which can be used in place of bamboo?
60. Why have you preferred only bamboo plants for making panels?
61. What is relation between force & Pressure and How they were related to your project?
62. How can you reduce the pressure of storm by using cotton cloth?
63. Is there any other problems to implement your project practically?
64. In which theme your project comes under?
65. What are the directions storm flows and hits these panels?
66. Could you show the CAD model for your project?
67. Whether you have used any simulation tools in making of this project?
68. How can you check your project by using software?
69. Whether this project is conceptual idea or not?
70. Why other shaped were not used for making panels?
71. How much area your panels will be covered?
72. How can you save plants by using these panels?
73. For which kind of farms you can use these panels?
74. Why only coconut farms you have choosed?
75. How much time it take to manufacture panels for 1 acre of land?
76. How many acres of land you can cover by using these panels?
77. How many plants you can save in 1 acre of land by using these panels?
78. In which stage of plant we have to place these panels?
79. Why do you cover only 180° of land rather that 360°?
80. What is the mathematical expression for your concept?
81. Will Your Panel structure withstand the high-speed wind?
82. What have you done to Make sure Your panel stay in place while the high-speed winds?
83. Will your design vary with the geography of the place?
84. What is the significance of circular pipes used in the frames?
85. What is significance of the dome shape the overall panel structure?
86. What happens to the incoming wind Incident on the panels?
87. Why we should use only cotton buds inside the funnel?
88. In the original product will be cotton buds be used or any other alternative is present?
89. What is the role of the aluminium ring on the funnel?
90. Whether aluminium ring can be replaced by any other material?
91. Will the funnel still work after getting wet as it is made up of cotton?
92. Will the funnel be stable without aluminium ring?
93. Will the funnel be replaced by other materials rather than cloth?
94. Whether funnel can be replaced or not?
95. Why did you choose funnel only rather than pipe like thing?
96. For How much duration your whole panels can withstand to wind?
97. Is there any replacement for cotton cloth?
98. What are the advancements you are going to do for this project?
99. What are the major drawbacks of using cotton cloth?
100. What is the future scope for this project?

Robo Rehab

1. What is slider crank mechanism?
2. How slider crank mechanism works?
3. What is stroke?
4. what is symptoms of stroke?
5. what is the treatment of stroke?
6. what are the risk factor of stroke?
7. What happens after you have a stroke?
8. What is rehabilitation?
9. How long does stroke rehabilitation take?
10. What is wiper motor?
11. How much wiper motor rate?
12. What is the purpose of the robo rehab?
13. How much speed of the of wiper motor?
14. What is the difference between physical exercise and rehabilitation?
15. What is extension and flexion?
16. What are all the problems faced stroked patients in day to day life?
17. What is the cost of robo rehab?
18. What is extra feature which you are going to include?
19. Is it using both urban and rural people?
20. What are the customer segment?
21. What are the value proportion of robo rehab?
22. How you going to implement?
23. What are the methodology which you follow to made robo rehab?
24. Is robo rehab handy?
25. Is robo rehab light weight?
26. What are the comparative model of robo rehab?
27. Is robo rehab is helpful for long term stroke patients?
28. Is patients need to visit hospitals frequently for physiotherapist.?
29. Is this automatic manner?
30. Is there any age limit to use robo rehab?
31. What about key partners of robo rehab?
32. What about key activities of robo rehab?
33. What are the key resources of robo rehab?
34. What are the customer relationship?
35. What is assistive passive exercising device?
36. What are the components of robo rehab?
37. What is the working principle of robo rehab?
38. How much time to rehabilitate the kit to patients?
39. Is there corrosion resistance?
40. What are the materials used in robo rehab?
41. what are the objective of robo rehab?
42. What is robotic physiotherapy?
43. What are the current advances of robotics in the field of rehabilitative medicine?
44. What is robotic therapy and how it can be used in rehabilitation of a neurological patient?
45. What does rehab mean?
46. What is rehab used for?
47. What are the types of rehab?
48. What is rehabilitation in healthcare?
49. What is mild steel good for?
50. What is considered a mild steel?
51. What is the difference between mild steel and steel?
52. Is mild steel the same as stainless steel?
53. What are the mechanical properties of steel?
54. What is difference between SS and MS?
55. What are the properties of carbon steel?
56. What are properties of steel?
57. What is plywood mainly used for?
58. What are the 3 types of plywood?
59. What is plywood made of?

60. What is the definition of plywood?
61. What are the main properties of plywood?
62. What are advantages of plywood?
63. What is plywood made of?
64. What are the 3 types of plywood?
65. What is plywood mainly used for?
66. Where can Plywood be used?
67. How is plywood applied?
68. What physiotherapy means?
69. What is the work of a physiotherapist?
70. What are the types of physiotherapy?
71. What are the types of physiotherapy?
72. What treatments do physiotherapists use?
73. What are the benefits of physiotherapy?
74. What is the importance of physiotherapy?
75. What are the qualities of a physiotherapist?
76. What are the roles and responsibilities of a physiotherapist?
77. Who is the father of physiotherapy?
78. What is the use of battery eliminator?
79. What is the difference between battery and battery eliminator?
80. How does a battery eliminator circuit work?
81. What is the difference between battery and battery eliminator?
82. How does a battery eliminator circuit work?
83. What is the function of connecting rod?
84. How much is a connecting rod?
85. How much does it cost to replace a connecting rod?
86. What causes a connecting rod to break?
87. What are the parts of connecting rod?
88. Where is the connecting rod in a engine?
89. How do I know if my connecting rod is bad?
90. How do you make a connecting rod?
91. What is the definition of crank?
92. What does crank mean on a car?
93. What is the function of crank?
94. What is PLC?
95. Is a crankshaft expensive?
96. What is PLC and why it is used?
97. Is robo rehab costly?
98. What is ECU in automotive?
99. What is weight sensor?
100. How it is use?

Design and Fabrication of Automated Finger Rehabilitation Therapy Device

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97. Is Automated Finger Rehabilitation Theropy Device costly?
98. What is ECU in automotive?
99. What is weight sensor?
100. What are the uses of it?

Design and Demonstration of Solar Coco-Areca Tree Climber and Harvester

1. Which and all the crops indian agriculture is composed of ?
2. How much agriculture is accounted for the indian economy ?
3. Which country is the largest production of arecanut ?
4. In which part of india most of arecanuts are cultivated ?
5. In india, which and all states are the most production of arecanut ?
6. What is the height of the arecanut tree ?
7. How many harvestings will come for arecanut tree per year ?
8. How much india ranks in the production of the coconut ?
9. Which states in the india are the most production of the coconut ?
10. What is the height of the coconut tree ?
11. How many harvestings will come for coconut tree per year ?
12. Does the size of the bark of coconut and arecanut tree varies along the length of the tree ?
13. What is the strength of the bark over the length of the tree ?
14. Wether heavy weighted machines are suitable for arecanut and coconut tree ?
15. Before the existence of tree climbing machine what skill is used to harvest the nuts ?
16. What is solar panel ?
17. How solar panel is made up of ?
18. What is solar cell ?
19. What is the another name for solar cell ?
20. What type of electricity comes from the solar panel ?
21. What is the storage space for electricity produced from the solar panel ?
22. Is solar energy is pollutant to environment ?
23. What is the rank of india in the use of solar power ?
24. Does the solar requires any maintenance charge ?
25. What is solar charge controller ?
26. How to verify that the supply is going to the machine from the battery ?
27. How many operations can be performed by the solar charge controller and what they are ?
28. What is the role of solar charge controller, when the battery is full ?
29. What is the role of solar charge controller, when the battery is empty ?
30. What happens if the solar charge controller is not used in the operation of the machine?
31. What is battery ?
32. What are the main types of batteries ?
33. What are the terminals of the battery ?
34. What is control unit ?
35. What and all the operations that are performed using the control unit in the coconut and arecanut harvesting project ?
36. At what distance the control unit can be operated for the operation of the machine ?
37. How the control unit is made up of ?
38. What is Motor ?
39. What is Genertor ?
40. What is the difference between Motor and Generator ?
41. Which is the main motor used in the project to climb the tree ?
42. What is the speciality in the gear motor ?
43. How the dc gear motor is connected to the machine ?

44. What is the difference between DC geared motor and DC motor ?
45. What prevention is taken to avoid the damage to the surface of the tree ?
46. For gripping the machine to the tree what device is used ?
47. Wether the distance between the wheels is variable ?
48. How many wheels are used in the machine and which they are ?
49. Is any fuel is required to climb the machine to the tree ?
50. Using which principle machine climbs the surface of the tree ?
51. What if we use hard whells to climb the tree ?
52. How wheels are rotated ?
53. How all the mechanical equipments in the machine are arranged ?
54. How the motor is fixed to the machine ?
55. What is the voltage rating of the gear motor ?
56. What is the current rating of the gear motor ?
57. What is the rating of solar panel ?
58. How arecanut bunch is plucked of when the machine reaches to the top of the tree?
59. How the coconut bunch is being cut?
60. What is robotic arm ?
61. Which type of motors used in the robotic arm ?
62. What is DC servo motor
63. What is the current rating of the dc servo motor ?
64. What is the voltage rating of the dc servo motor ?
65. What is the difference between DC servo motor and DC motor ?
66. What are the different terminals of the dc servo motor ?
67. By which program dc servo motor operates ?
68. How to vary the position of the dc servo motor ?
69. What is potentiometer ?
70. what is the difference between the variable resistor and resistor ?
71. How the robotic arm is fixed to the machine ?
72. How the coconut bunch is being cut by using robotic arm ?
73. Which type of blade is used to cut the coconut bunch ?
74. Which type of blade is used to pluck the arecanut bunch ?
75. How the robotic arm is energized ?
76. From where the robotic arm is controlled ?
77. Is the cutting process of arecanut is visible easily ?
78. Is the cutting process of coconut bunch is visible easily ?
79. Which device is used for the vision of the cutting process of the coconut bunch ?
80. Where the live telecast of process of cutting coconut bunch is viewed ?
81. Which motor is used in spraying mechanism ?
82. What is the rating of the DC water pump ?
83. What type of water pump is used for spraying ?
84. What device is used to spray pesticide, which is pumped from the motor ?
85. How the pesticide is sprayed to more than one tree ?
86. What is the difference between the machine developed before and this machine ?
87. What is the advantage of using the DC gear motor instead of the two stroke engine ?
88. Is the weight of machine is huge or less than the requirement ?
89. How much time is required to cultivate the nuts as compared to other skills ?
90. What if the machine stuck in between the tree ?
91. What is the weight of the demo machine ?
92. What is the cost of the demo machine ?
93. What may be the weight of the actual model ?
94. What may be the cost of the actual model ?

95. How the machine is helpful to the agriculture in india ?
96. Whether anybody can operate the machine ?
97. How the machine is attached and detached to the tree ?
98. While the spraying process does it causes any effect to the man operating the process?
99. while the process of cultivation is there any dangerous to the person operating it ?
100. whether a female can operate the machine ?

Energy Drink Using Fruits Peel

1. What is your project?
2. Why you selected it?
3. What is the purpose of your project?
4. How much fruits peel is generating each year in India?
5. Are you using chemicals?
6. What is the importance of your project?
7. What is Energy?
8. What is immunity?
9. What are fruits?
10. What are Energy drinks found in the market?
11. How they are different from those found in the market?
12. What are different applications of fruits peel?
13. Which are the fruits peel you are using?
14. How much quantity of fruits peel is collected?
15. Why you have chosen only these fruits peel?
16. The place where the selected fruits are grown largely?
17. What happens when these fruits are thrown in the environment as waste?
18. Which are the herbs you have used?
19. Why only these herbs?
20. What are the objectives of the project?
21. Which are the steps you followed in formulating the energy drink?
22. What type of solvent is used to wash the fruits peel?
23. What are pesticides?
24. How the pesticides from the surface of fruits peel are removed during washing step?
25. How can you collect the selected fruits?
26. What is the biochemical composition of orange peel?
27. What is the biochemical formulation of banana peel?
28. What is the biochemical composition of pineapple peel?
29. What is the biochemical constituents of pomegranate peel?
30. What is the composition of watermelon rind?
31. Which are solvents you have used for grinding the peels?
32. What is brix?
33. What is refractometer?
34. What is thermometer?
35. What is distilled water?
36. What is pulp?
37. What is citric acid?
38. What are carbohydrates?
39. What are proteins?
40. What are antioxidants?
41. What are flavonoids?
42. What are vitamins?
43. What are minerals?
44. What are tannins?
45. What are phenolics?
46. What is pH?
47. What is acidic pH range?
48. What is basic pH range?
49. How pH is measured?
50. What is the pH range of prepared formulation?
51. How pH is adjusted?
52. What is juice clarification?
53. Which are the different methods of juice clarification?
54. What is filtration?
55. What pasteurization?
56. How pasteurization is done?
57. What is the other name for vitamin C?
58. Why evaluation of the prepared formulation is done?
59. How carbohydrate estimation is don?
60. What is Anthrone reagent?
61. How it reacts with carbohydrates?
62. What is UV Spectrophotometer?

63. What is calorimeter?
64. How protein estimation is done?
65. What is biuret reagent?
66. How antioxidant estimation is done?
67. What is DPPH assay?
68. What is DPPH?
69. How DPPH reacts with antioxidants?
70. What is the observation/ end result of DPPH assay?
71. How number of flavonoids is estimated?
72. Why stability analysis is performed?
73. What is media?
74. What is incubation period?
75. What is the procedure of stability analysis?
76. What is nutrient agar media?
77. What is YPD media?
78. What is PDA media?
79. What is the purpose of using agar in the media?
80. What is bacteria?
81. What is fungus?
82. What is yeast?
83. Which are the bioactive compounds that boost immunity?
84. What is FSSAI?
85. What is USFDA?
86. What are the rules or guidance's to be followed for juice production?
87. Are you using any food additives?
88. What are food additives?
89. What kind of food additives are mostly used by the juice processing industries?
90. What are preservatives?
91. What are artificial sweeteners?
92. What are colouring agents?
93. What is the cost of your project?
94. Do you have any business plan?
95. What is the novelty of your project?
96. What is the by-product of this project?
97. How the by product is treated?
98. How you will convince people to use your product?
99. Do you have any business plan?
100. What is the acceptability status of your product?

A Unit of Manufacture Organic Temple Incense (DHOOP)

1. What is incense?
2. Where do we use incense?
3. What is Organic material?
4. Wheather organic materials are good for health?
5. Why do we use organic materials?
6. Are Incense sticks harmful to health?
7. What is the typical composition of an incense stick?
8. what are gases exposed to environment after burning an incense stick?
9. Is incense smoke more dangerous than tobacco smoke?
10. What is Cow dung?
11. What is the pH of cowdung?
12. IS cowdung Hazardous to Environment?
13. Where do we use Cowdung?
14. What is the best Alternative of Cowdung?
15. What nutrients does cow dung contain?
16. Which gas is present in cow dung?
17. How can we use cowdung in different appilications?
18. What is the chemical formula of methane?
19. Where do we use Methane?
20. What are the Advantages of Methane?
21. What is the Best Alternative of Methane?
22. Does burning cow dung repel mosquitoes?
23. Is cow dung an antiseptic?
24. Is cow dung toxic?
25. What is Tulsi?
26. What are the benefits of Tulsi?
27. Where can we use Tulsi leaves?
28. Why Tulsi is called as a holy plant?
29. What is Ajawan?
30. What are the Benefits of Ajawan?
31. What is suitable Temperature for heating the Dhoop sticks?
32. What is Crank?
33. What is Hopper?
34. What is Slider?
35. What is supporting Arm?
36. Why are we using Crank?
37. Why are we using Hopper?
38. Why do we use supporting Arm?
39. Why do we use Slider crank Mechanism?
40. What is the shape of a Dhoop sticks?
41. What is the colour of a Dhoop sticks?
42. What is the length of Dhoop sticks?
43. What is the thickness of the Dhoop stick?44)What is the cost of a conventional Dhoop stick?
44. What is cost of the organic Dhoop stick?
45. What are the benefits of Burning Dhoop stick?
46. Which Dhoop sticks are the Best?
47. Where are the Dhoop sticks used?
48. How do we light a Dhoop stick?
49. Does the project require a skilled worker?
50. Will this project be Dangerous to humans?
51. What is the scientific name of tulsi?
52. What are the differernt ingridents used?
53. What is ratio of ingridents used?
54. Why specifically we are using this ratio?
55. What happens if the ingridents are not in proportion?
56. Why this Project is Eco-friendly?
57. Wheather Mosquitoes die due to the smell?
58. Is the project manually operated or automatic?
59. How could this Project be helpful in Employment?
60. How does the project Benefit the society?
61. 62)What is the final cost of the project?

62. what is total cost of project?
63. what machanism used in machine?
64. How much capacity to produce incene in one hour?
65. how much efficent campare to other product?
66. where this product used more?
67. is this ingredients available rarely?
68. how you campare the litarature survey?
69. what bases we select the organic materials?
70. where this unit used more?
71. is this profitable or not?
72. what purpose of this project made?
73. what is pudina?
74. what are the advantages of pudina?
75. where do we use pudinaa?
76. what are the benifits of pudina?
77. what is major effect of pudina on environment?
78. what is jasmine?
79. where do we use jasmine?
80. what purpose we use jasmine?
81. what purpose we use cow urine?
82. what is the ph valve of cow urine?
83. How do we prepare the slury?
84. explain the methodology?
85. what are the objective of this project?
86. exaplain the working process?89) what is neem?
87. what purpose we use neem leaves?
88. what are the advantages of using neem leves?
89. is neem leves are insecticide?
90. packing is difficult or easy?
91. what is future scope of this project?
92. how is these project usefull in rural development?
93. explain the operation?
94. what are the conclusions of this project?
95. what is your opinion on this project?
96. what is quality of this product?
97. Is this project good or bad. Comment?
98. What is Anveshana?
99. Who are Agastya People?
100. Why do they Conduct Anveshana?

S.M.A.R.T (SHAPE - MUD - ACOUSTIC - REINFORCED TECHNOLOGY)

1. What is smart portable fruit preservation system?
2. What is the percentage of post harvest losses in India?
3. What are the causes for fruits to deteriorate after harvest?
4. Why fruits and vegetables are important to us?
5. What are the objectives of smart portable fruit preservation system?
6. Which chemical causes the ripening in fruits?
7. What are the drawbacks of current fruit preservation system?
8. What are the causes of ozone layer depletion?
9. What is the full form of SMART?
10. What is the shape of the model?
11. Why mud is used to make the model?
12. What is the importance of acoustic waves?
13. What are the characteristics of mud?
14. Why acoustic waves are used?
15. What is reinforced technology?
16. What is the design of the model?
17. What does ethylene do to fruits?
18. What acts as refrigerator in the model?
19. What is the meaning of portable?
20. What is acoustic technology?
21. What produces acoustic waves?
22. What is the amount of frequency given to the system?
23. For how many hours sound waves are given?
24. What kind of frequency signal is generated using mobile technology?
25. What should be the speaker volume?
26. What is the use of rectifier in the model?
27. Why is Peltier system used in the model?
28. What is the suitable temperature for the treatment?
29. Why is experiment conducted in sound proof chamber?
30. For how many days experiment is conducted?
31. What is the sound level within the chamber?
32. What is the conclusion of the experiment?
33. What is the scope of the experiment?
34. What happens for the fruits after 15 days?
35. What is shape of the base of pyramid?
36. Is this model eco friendly?
37. Compare between smart portable fruit preservation system and refrigerator?
38. Why fruits kept inside portable fruit preservation system different from those kept inside refrigerator?
39. What is the effect of relative humidity?
40. What is the effect of air temperature?
41. What is the frequency range that enhances the effect of acoustics on microorganisms?
42. What is the effect of surface area?
43. What is the effect of air movement?
44. What is the sound level in the commercial growth chamber?
45. What is the external stimulus to delay ripening of tomato fruit?
46. What are the advantages of this experiment?
47. Explain peltier effect in this project.
48. What are the components attached to this experiment?
49. Why was mud chosen to make the pot?
50. What is the measurement or dimension of the pot?
51. What is the temperature indicator?
52. What are the specification of bluetooth speaker?
53. Which is the largest Egyptian pyramid?
54. Why is pyramid shape used in making pot?
55. What is the importance of pyramid for food preservation?
56. What are the secret powers of pyramid?
57. What are other means of fruit preservation system?

58. How does pyramid works?
59. What is thermoelectric effect?
60. What is peltier effect?
61. What is seebeck effect?
62. What is thermoelectric cooler?
63. What are the features of thermoelectric cooler?
64. What are the reactions to pyramid environment?
65. What is heat sink?
66. What is heat sink paste?
67. Why AC to DC converter is used?
68. What is the product description of AC to DC converter?
69. What is the thermoelectric peltier refrigeration cooler fan?
70. What are the benefits of using thermoelectric peltier refrigeration cooler fan?
71. what are its specification of thermoelectric Peltier refrigeration cooler fan?
72. What are the application of sound waves?
73. What is design of pyramid?
74. List the effects of various parameters.
75. What is the effect of geometrical parameters?
76. What is the maximum cooling potential?
77. What is the frequency range given to the experiment?
78. What are the benefits of thermoelectric cooling in electronic devices?
79. What are the effects of using pyramid?
80. What are the four major factors that impact rate of evaporation?
81. How does the frequency range helps in ripening of fruits?
82. Why is this model is called portable?
83. Does this model helps to increase shelf life of the fruits?
84. Does this model increase the delay in ripening?
85. What are the advantages of delay ripening technology?
86. compare between present storing techniques and smart portable fruit preservation system?
87. How single frequency signal generated?
88. What is the microbial behaviour under acoustic waves?
89. What is outside and inside temperature of the model?
90. What are the experimental results?
91. How does plants respond to temperature?
92. What is the principal aim of the technology?
93. What are the features of thermoelectric cooler?
94. How pyramid affects various things?
95. What is the methodology of this experiment?
96. What are the general objectives of this experiment?
97. What are specific objectives of this experiment?
98. What is the need for food preservation technology?
99. What are the advantages over present practices?
100. How does change in frequency affect fruit ripening?

Controlled farming of Vegetables by Aquaponics

Are there any systems similar to your project available on the market?
2. What are the sensors used to detect motion?
3. How do these sensors detect movement?
4. Do these sensors work well in bad weather conditions, such as heavy rain or snow?
5. What kind of camera is used for image processing?
6. What is the working range of the sensors?
7. What is the algorithm used in image processing for a project?
8. Is the stimulus system activated by human presence?
9.Does the network IP camera work in bad weather conditions?
10. How does a farmer know about animal intrusion?
11. What is the expected cost of the project?
12Does the system physically harm animals?
13 How do you overcome the problem of power supply in rural areas?
14. What is the working range of the camera?
15 How does the camera work at night?
16. What is the input voltage for the PIR sensors?
17. Input voltage for microwave sensors?
18. What kind of animals can this device detect?
19. What if it gets triggered by human intervention?
The chances are very likely as we have used image processing, so it does not gets triggered if it detects human
20. Do we need to install multiple devices on large land?
21. How good it will work during harsh environment like ran, fog, wind etc?
22. What is the range of the sensor?
23. how does the farm owner know about the animal intervention?
24. What are the triggering system used in this device?
25. What kind of camera is used in this system?
26. What is the processor uses?
27. How does this detect animals during night?
28. How do you supply power to all sensors and processor?
29. What is the main application of this system?
30. Will this system harm animals?
31. Will the system be able to detect rodents and reptiles?
32. Will the system work under harsh weather conditions?
33. Will the alarm go off on detecting humans?
34. Will the camera be able to detect animals at night or low light?
35. Will the system be able to record and store the series of animal intrusion event?
36. Is the triggering system same for different animals?
37. What is the range of the system?
38. Where are programs stored?
39. What is raspberry pi?
40. Which are the sensors that are connected to system?
41. What is a “PIR” sensor?
42. Do PIR sensors work at night?
43. How far do PIR sensors work?
44. How is sprayer nozzle used?
45: Will the system work in rural areas with constant power failures?
46. What is the range of flash light?
47. What type of camera is used in the system?
48. What is an IP camera?
49. How many of such system is required for one acre of farm land?
50. Will the system work for uneven lands?

51. Will the system be more effective than traditional methods?
52. What is Tensor flow?
53. What are Tensors?
54. What is a Tensor Board?
55. What are the features of Tensor Flow?
56. List a few advantages of Tensor Flow?
57. List a few limitations of Tensor flow.
58. What are Tensor Flow servable?
59. What do the Tensor Flow managers do?
60. What are Tensor Flow loaders?
61. What do you mean by sources in Tensor Flow?
62. How does Tensor Flow make use of the python API?
63. What are the APIs inside the Tensor Flow project?
64. What are the APIs outside Tensor Flow project?
65. What are the general advantages of using the Artificial Neural Networks?
66. What are some advantages of Tensor Flow over other libraries?
67. Where can you run a Tensor Flow?
68. What are the loaders of Tensor Flow?
69. What are the sources in Tensor Flow?
70. What is the main operation in Tensor Flow?
71. What are the different social survey methods can apply for human-wildlife conflict management?
72. What is the State of the Art of Low-Cost Edge Detection Techniques in an Image?
How videos are transcribed and where are the transcripts stored?
73. Define Image?
74. What is Dynamic Range?
75. Define Brightness?
76. What do you meant by Gray level? ...
77. What do you meant by Colour model? ...
78. List the hardware-oriented colour models?
79. What is Hue and saturation?
80. List the applications of colour models?
81. How to detect noisy pixel in image?
82. The spatial coordinates of a digital image (x,y) are proportional to
83. What is pixel?
84. The range of values spanned by the gray scale is called
85. Which is a colour attribute that describes a pure colour?
86. Name some of the traditional methods used by farmers to prevent wild animal attacks
87. Which most common animals that attack fields in India
88. According study which spray is considered as allergic to deer
89. What system can be used to inform animal to farmers
90. How much percentage of crops is lost annually because of these animal attacks?
91. How this system can reach large people
92. How this system can be implemented in large scale
93. How this system System is different from other competitors in market.
94. How pir sensors can be protected from environmental variations.
95. What is pir sensors?
96. What is microwave sensors?
97. How tensor flow id different from other frameworks
98. How can we protect whole system from being attacked by animal?
99. How this system will be introduced to market
100. how this system will have huge impact on farmers life?

Fast and Accurate Detection and Classification of Plant Diseases

1. what is image processing?
2. what is coloured image?
3. what is gray scale image?
4. what is black and white image?
5. what is image?
6. what is a pixel?
7. what is resolution?
8. what is RGB image?
9. what is R in RGB image?
10. What is G in RGB Image?
11. What is B in RGB Image?
12. what is HIS image?
13. what is hue?
14. what is intensity?
15. What is saturation?
16. what is masking?
17. can we represent image in the form of matrix?
18. how can we represent the image in the form of matrix?
19. what does the image matrix contain?
20. how is the image compared?
21. what is the binary image?
22. what is phytopathology?
23. what are the different classification of diseases?
24. what is tapioca?
25. what is the native of tapioca?
26. what is CASSAVA BACTERIAL BLIGHT?
27. how will CASSAVA BACTERIAL BLIGHT infect the plant?
28. what is CASSAVA LEAF SPOT?
29. how will CASSAVA LEAF SPOT infect the plant?
30. what is GALL MIDGE?
31. how will GALL MIDGE effect the mango leaf?
32. what is anthracnose?
33. is anthracnose a fungal infection?
34. how anthracnose effect the plant?
35. how to control anthracnose infection?
36. what is POWDERY MILDEW?
37. is POWDERY MILDEW a fungal infection?
38. what is the name of the fungus in POWDERY MILDEW?
39. how will the POWDERY MILDEW effect the plant?
40. in which season the POWDERY MILDEW occurs?
41. how to control POWDERY MILDEw?
42. what is sooty mould?
43. how will sooty mould effect the plant?
44. is sooty mould a fungal infection?
45. how to control sooty mould?
46. how much percent of population in india depends on agriculture?
47. what is image acquisition?
48. what is image preprocessing?
49. what is image segmentation?
50. what is feature extraction?
51. what is a classifier?
52. how is image acquired?
53. what software we are using for coding?
54. what is the name of the tool for GUI in matlab?
55. what is tool for neuralnetwork in Matlab?
56. what is GUI?
57. what is colour transformation structure?
58. what is k-means clustering?
59. how is k-means clustering used in the project?
60. what method is used for segmentation?
61. what is used for classification?

62. are we using nntool of matlab?
63. what is a neural network?
64. what is weight?
65. What is bias?
66. why is salt and pepper noise added to the image?
67. how is noise cancellation done?
68. what is noise?
69. what is salt and pepper noise?
70. what is done in preprocessing steps?
71. what is CCM?
72. what is SGDM matrix?
73. what is green pixel masing?
74. what is normalization?
75. what is matlab?
76. why are we using matlab?
77. what are the changes done for image in preprocessing step?
78. why is clustering done?
79. what is GUIDE?
80. what is NNTOOL?
81. what are the steps involved in the process?
82. what is epoch?
83. what is iterations?
84. what is the software requirements of the project?
85. what is the main objective of the project?
86. what is the advantage of the project?
87. what is the disadvantage of the project?
88. how is the project helpful for the farmer?
89. how to reduce the error?
90. how many diseses can the neural network classify?
91. why is feature extraction done?
92. why is masking done?
93. what is the pixel value?
94. what is the composition of pixel?
95. how is image represented?
96. how is k means clustering applied here?
97. what is the output of the process?
98. who is the end user of the project?
99. what is the activation function?
100. what is texture statistics?

SWASTHYA

1. What is Analog signal?
2. What osc in Arduino?
3. What´s reset in Arduino board?
4. What are the pins on Arduino Uno?
5. What is NodeMCU esp8266 used for?
6. What is microcontroller?
7. Which are the sensors used in this health monitoring system?
8. Name different types of Arduino board.
9. What´s DS18B20?
10. What is the use of temperature sensor?
11. What is health monitoring system?
12. What are the examples for health monitoring system?
13. What is the normal temperature of human body?
14. What´s the use of IoT in healthcare?
15. What are the examples of internet of things?
16. What are the different types of temperature sensor?
17. What is microprocessor?
18. What´s the difference between NodeMCU and ESP8266?
19. What´s the full form of IoT?
20. What does IoT mean?
21. What are the advantages of health monitoring system?
22. How do ESP8266 works?
23. What is ANVESHANA?
24. How many hours will this project be working per day?
25. Where do you store the data?
26. What is webserver?
27. What is WWW?
28. Which webserver is used?
29. What is graph?
30. What is power supply?
31. What is the normal pulse rate in humans?
32. What´s the full form of LED?
33. What´s LED?
34. What is photodiode?
35. Are the components eco-friendly?
36. What does BPM mean in pulse sensor?
37. What is programming language?
38. Which programming language is used?
39. What is C++ programming language?
40. What is breadboard?
41. What´s the range of ESP8266?
42. How is the range of ESP8266 is extended?
43. How to load the program into ESP8266?
44. What are sensors?
45. What is ThingSpeak?
46. What is cloud?
47. What is the advantage of ThingSpeak?
48. What are the examples of cloud computing?
49. What is data storage management?
50. How is our project beneficial to people?
51. What is the purpose of the project?
52. What´s the difference between analog and digital system?
53. What is Excel?
54. What are the different programming languages?
55. What is the input power for ESP8266?
56. Is ThingSpeak a database?
57. How many pins does temperature sensor have?
58. What are the three pins in temperature sensor?
59. Is DS18B20 waterproof?
60. What is pulse sensor?
61. What are jumper wires?
62. How pulse sensor works?
63. What are the different types of jumper wires?
64. How many versions do jumper wires have?

65. What are the different versions of jumper wire?
66. What is Covid-19?
67. How many cases are discovered in India till date?
68. What are the symptoms of covid-19?
69. Who is most at risk for the coronavirus disease?
70. How can one prevent Covid-19?
71. Can the virus that causes covid-19 be transmitted through the air?
72. Which are the two different softwares that we have used in our project?
73. Who all can monitor the data from cloud?
74. What are the possible outcomes from our project?
75. Can we measure humidity with DS18B20?
76. What is isolation?
77. How many days of isolation is required for covid positive patient?
78. What is the incubation period of coronavirus disease?
79. What`s the cost of thermometer?
80. What´s the cost of pulse oximeter?
81. What is quarantine?
82. What are the different types of Wi-Fi module?
83. What is minimum distance to be maintained?
84. Are self-isolation and social distancing same?
85. When do one need to self-isolate?
86. Why covid-19 can be seen more in children and elderly people?
87. Which department of government is handling the coronavirus cases?
88. How to self-isolate?
89. What is the name given to the self-isolated patients?
90. What is immune system?
91. How can we boost our immune system?
92. How does a breadboard work?
93. What are the types of breadboard?
94. What is a jumper wire made of?
95. What is electric power?
96. What is the SI unit of power?
97. Which type of cloud service is provided by ThingSpeak?
98. Which type of temperature sensor is placed in Integrated Circuits?
99. What is the conclusion of our project?