**Problem statements**

1. **Design and development of battery powered system – means of generating electrical power from the person (manipulator).**
2. Make a Robot which can help farmers in harvesting automatically or semi automatically with minimal cost. (You can select any crop and build the robot for that).
3. Make a Robot which can help farmers in ploughing the fields automatically.
4. Make a Robot which can give farmers the information about different types of crops, give whether reports, different types of pesticides, their effects, and suggest the required quantity of pesticide to the farmers when it scans the crop.
5. Make a Robot which can help in identifying and bringing out a child fallen in bore holes.
6. Make an autonomous robot, which can do wall painting.
7. Make a Robot which can fight in fire accidents
8. Make a Robot which can be an educational guide in the schools. Design and features are more important to this product.
9. Make a Robot which can be used in hospital to store all the patients’ data, like number of visits, doctor prescription etc. It should either recognize the person with thumb impression or face recognition.
10. Make a Robot which can be on the roads and help the police with its monitoring system, while updating the data to the central server.
11. Make a Robot which can swim in ponds or rivers and get the data like, growth of the fish, Ph level of water, water purity level
12. Make a Robot which looks like an insect or a bird, which can fly and collect data while it is flying.
13. Make a Robot to be used at the borders by Army, which can monitor the surroundings 24/7 and send any suspicious data to the military camp.
14. Make a Robot which can implement a land survey in calculating the area of the land and dividing it into subplots.
15. Make a robot which can play a musical instruments.