



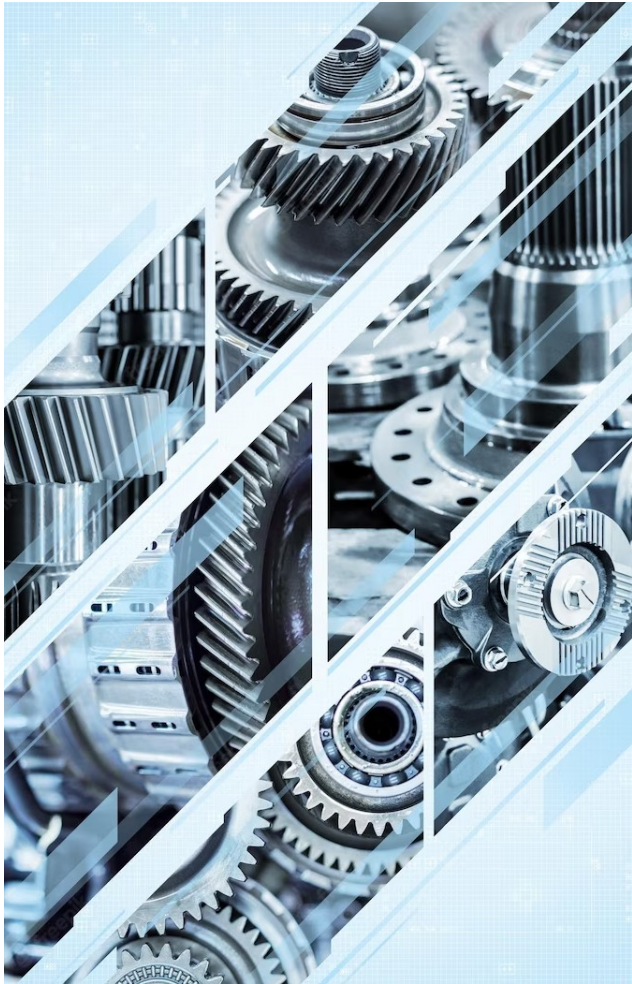
SNS College of Technology

Subject name: Farm Tractors

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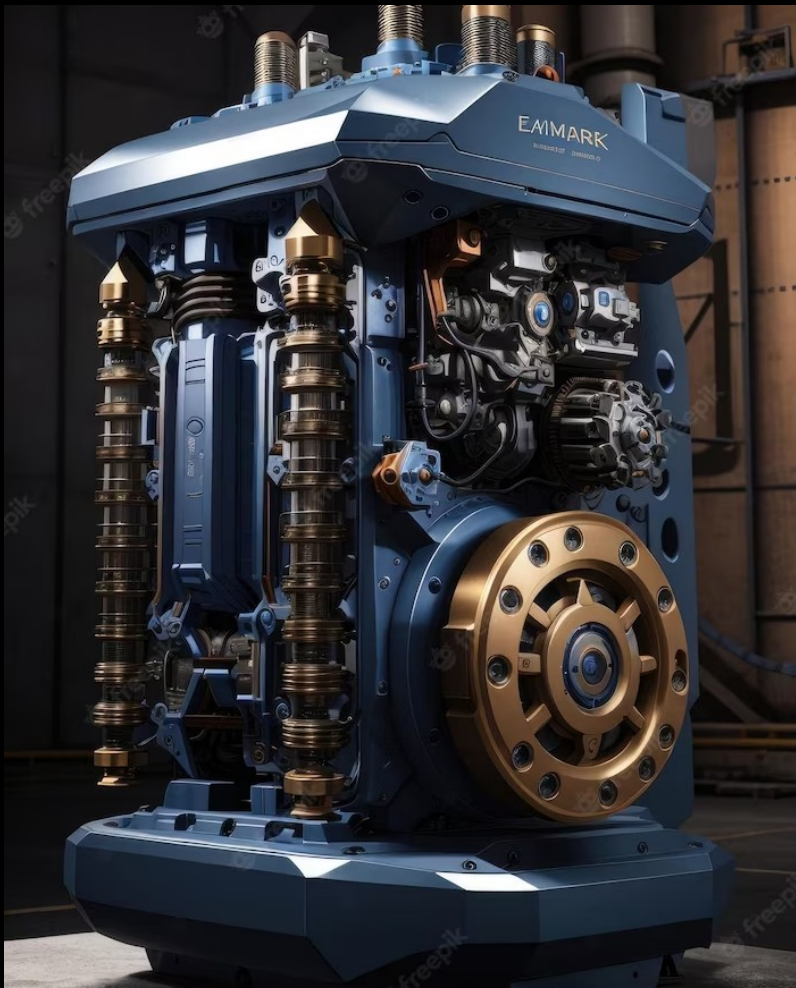
Engine Governing in Farm Tractors



Introduction

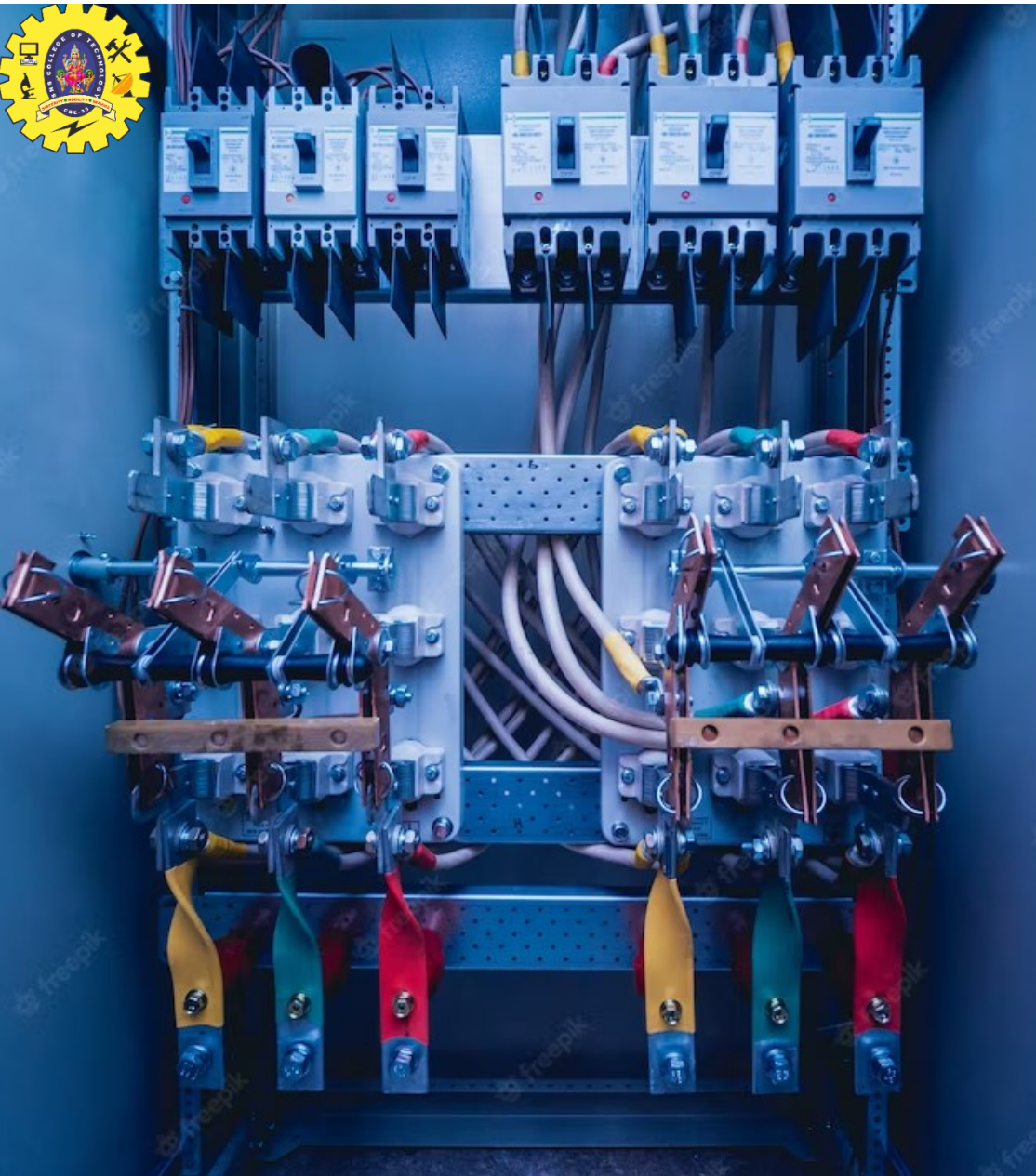
Welcome to the presentation on optimizing performance and efficiency in farm tractors through engine governing. This presentation will discuss the importance of engine governing in tractors and how it can help improve productivity and reduce fuel consumption.





What is Engine Governing?

Engine governing is the process of controlling the speed and power output of an engine. In tractors, it is used to maintain a constant speed and ensure that the engine does not overheat or stall. Proper engine governing can help improve fuel efficiency and reduce wear and tear on the engine.



Types of Engine Governing

There are two main types of **engine governing**: mechanical and electronic. Mechanical governing uses a flyweight mechanism to control the fuel flow to the engine, while electronic governing uses sensors and a computer to regulate the engine speed and power output.



Benefits of Engine Governing

Proper **engine governing** can help improve tractor performance and efficiency. It can reduce fuel consumption, increase productivity, and extend the life of the engine. Engine governing can also help reduce emissions and improve air quality.



Factors to Consider

When selecting an **engine governing** system for a tractor, there are several factors to consider. These include the type of engine, the tractor's intended use, and the desired level of control. It is important to choose a system that is compatible with the tractor's engine and that meets the specific needs of the user.



Conclusion

In conclusion, engine governing is a critical component of tractor performance and efficiency. By maintaining a constant engine speed and power output, engine governing can help improve fuel efficiency, increase productivity, and extend the life of the engine. When selecting an engine governing system, it is important to consider the specific needs of the user and choose a system that is compatible with the tractor's engine.



Thanks!