



**Department of Mechanical Engineering
Academic year 2021-22 (ODD)
Internal staff seminar Report**

Date & time : 3.9.2021 & 01.00 pm

Venue : Room no.203



Snapshots from the session

Seminar on “Engine Auxiliaries in recent days” has been delivered by Dr.T.Pushparaj, Professor, Department of Mechanical Engineering for the staff members of Mechanical Engineering on 03/09/2021 at 1.00 p.m. Here few points are discussed:

Marine auxiliary engines are manufactured keeping in mind the rigorous environment they will be installed and operated in, along with maintaining the continuity of operation to provide uninterrupted power supply to various ship systems. The most important thing for running the machinery system in its best capabilities is to know the correct operating procedure for the same and to bring the machinery back in operation following correct sequence and troubleshooting procedure if it is stopped due to unavoidable circumstances. The ship’s engineer in-charge must familiarize with the

operating manual of the auxiliary engine, the correct operating parameters and scheduled planned maintenance.

Chapters discussed:

- Basic Operations of Marine Auxiliary Engine.
- Important Procedures.
- Important Safety Inclusions.
- Important Assessment of Auxiliary Engine.
- Maintenance Tips for Marine Generator.

Outcomes:

Upon listing of this seminar the participants can able to

- Understand the auxiliaries of a marine engine.
- Understand operation procedures.
- Know about maintenance procedures

References:

- https://link.springer.com/chapter/10.1007/978-3-658-12918-7_6
- <https://www.sae.org/publications/technical-papers/content/820085/>
- <https://ieeexplore.ieee.org/abstract/document/9248280/>

Internal staff seminar feedback summary

S.no	Description	Good	Fair	Poor
1	Content of the speech	10	2	-
2	Voice of the speaker	9	3	-
3	Overall feedback	8	4	-