

# **SNS COLLEGE OF TECHNOLOGY**

**(An Autonomous Institution)**

**COIMBATORE-35.**

Accredited by NBA – AICTE and Accredited by NAAC – UGC with ‘A++’ Grade

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai.

## **DEPARTMENT OF AUTOMOBILE ENGINEERING**

### **23GET102 – BASIC CIVIL MECHANICAL ENGINEERING**

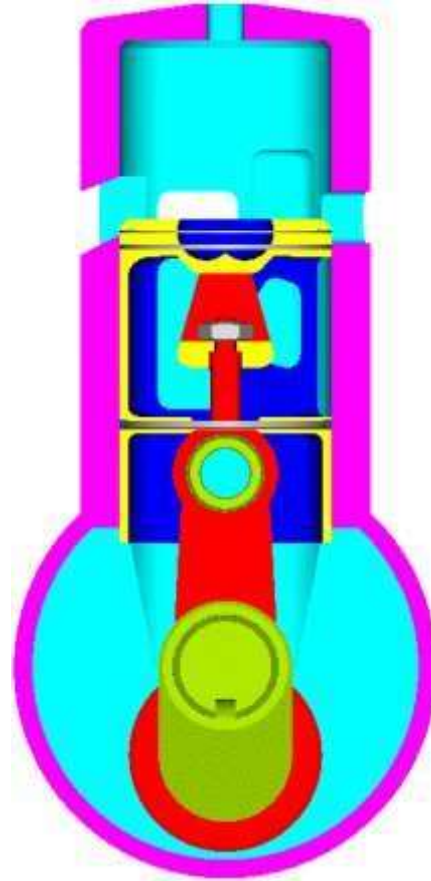
**I YEAR / I SEMESTER**

#### **UNIT 4 – IC ENGINES AND POWER PLANT ENGINEERING**

**Topic : Internal Combustion Engines – 2 Stroke & 4 Stroke**



# Let's Recall !!



# Understanding Two Stroke Vs Four Stroke Engines



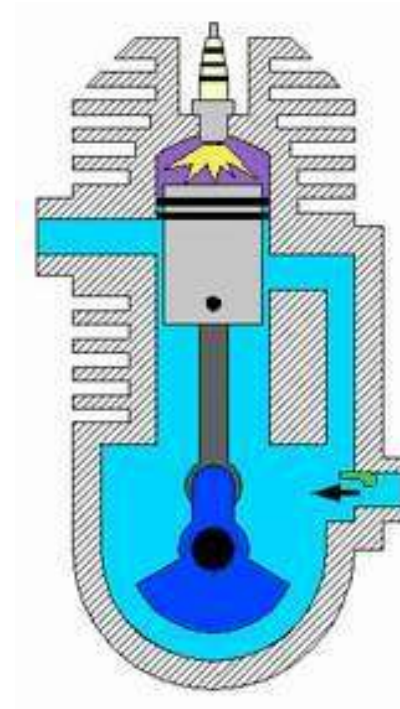
*DT-Empathy*

1. Differences between four-stroke and two-stroke engines
2. Focusing on operational principles
3. Strengths, weaknesses, and their respective uses
4. Understanding the differences

# Lets explore !!

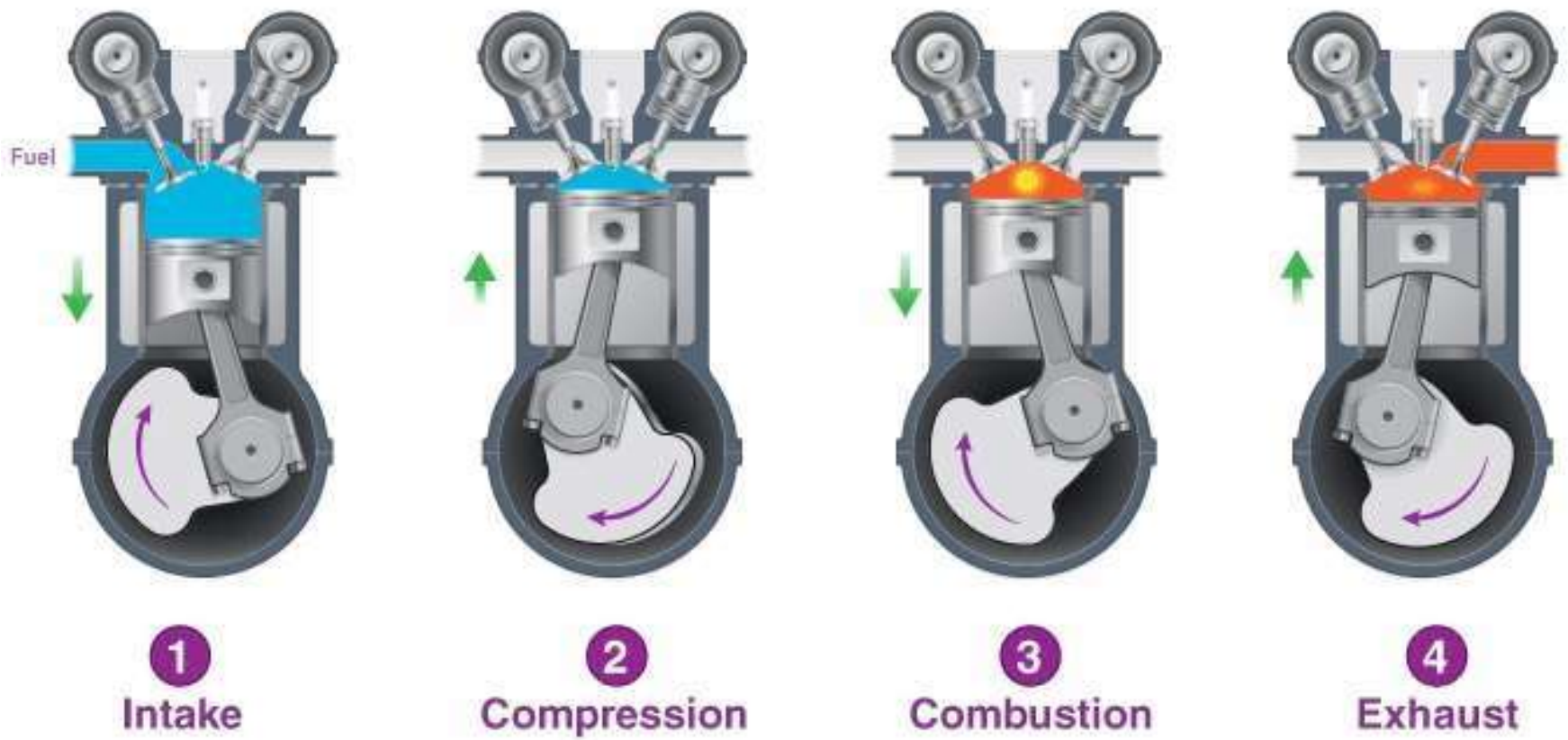
*DT-Define*

- Definition
- Importance
- Comparison



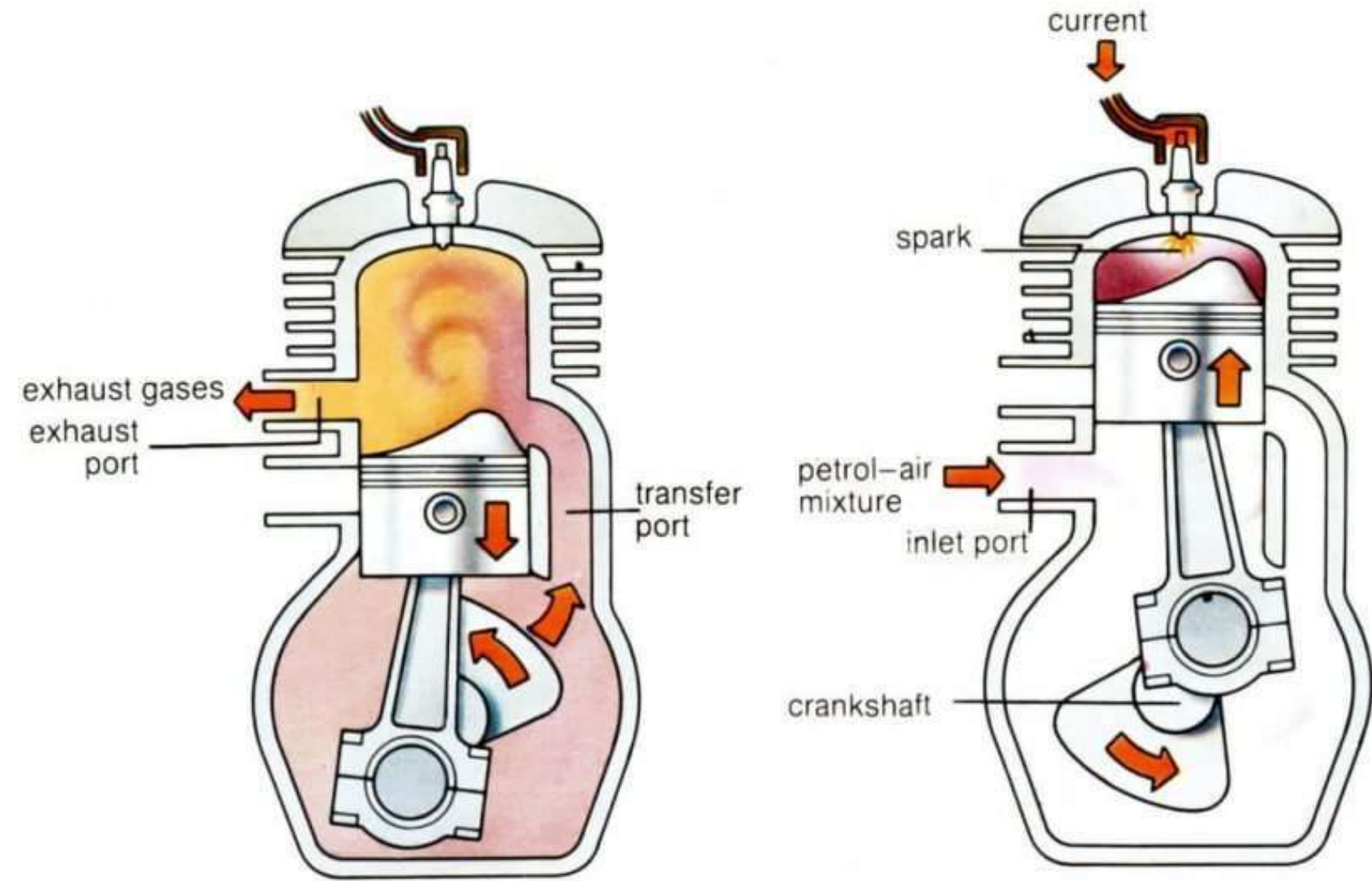
# Four Stroke Engine

*DT-Define*



# Two Stroke Engine

*DT-Define*

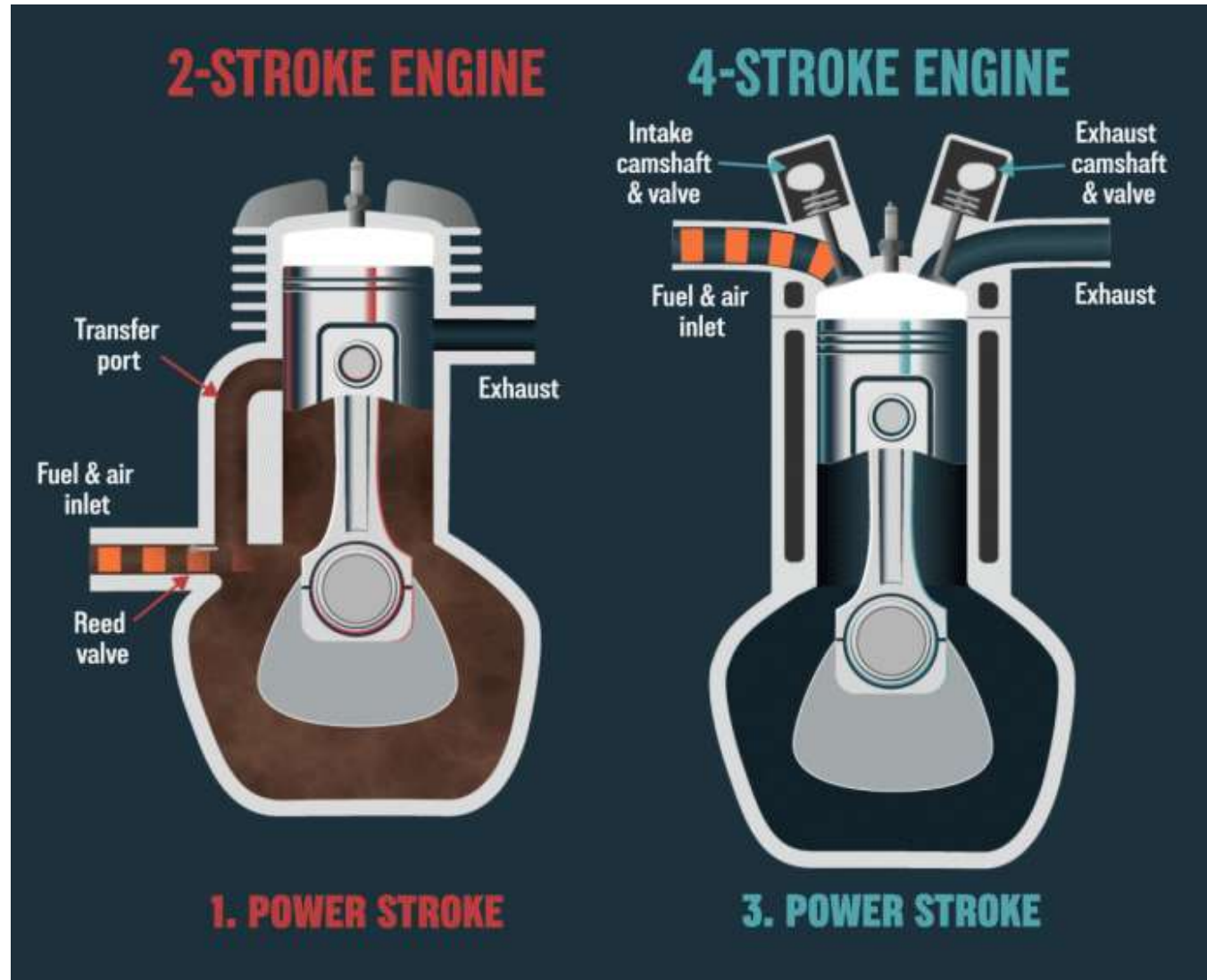


# Curiosity Challenge!

## Debate

Take 2 minutes to think about it, then debate on Four Stroke Vs Two Stroke Engine

# Difference



# Assessment- Quiz

Question: Sending out burned Gases

Options:

- A. Combustion
- B. Burning
- C. Cleaning
- D. Scavenging

Option: D

Question: Transfer Port is available in

Options:

- A. Four Stroke Engine
- B. E-Vehicle
- C. Two Stroke Engine
- D. None of these

Option: C

# References

- [https://www.youtube.com/results?search\\_query=ic+engines](https://www.youtube.com/results?search_query=ic+engines)
- [https://www.youtube.com/watch?v=NoPLxldm\\_ME&t=13s](https://www.youtube.com/watch?v=NoPLxldm_ME&t=13s)