

GOVERNMENT POLYTECHNIC JAIPUR
A/P: Ragadi, Block: Korei, Dist.: Jajpur, Odisha – 755019
DEPARTMENT OF MECHANICAL ENGINEERING
LESSON PLAN (2025–26)

Discipline: Mechanical
Name of the Teaching Faculty:
Semester From Date:
No. of Weeks: 15

Semester: 6th
Subject: A E (PR-1)
To Date: 18.05.2026
Class Allotted / Week: 4

| Week | Class Day | Group | Topics |
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| 1st | 1st (2p) | Gr 1 | Study of Automobile chassis. (i) Aim of the expt (ii) Demonstration of different parts and their function of automobile chassis. |
| 1st | 2nd (2p) | Gr 2 | Study of Automobile chassis. (i) Aim of the expt (ii) Demonstration of different parts and their function of automobile chassis. |
| 2nd | 1st (2p) | Gr 1 | Study of Automobile chassis. (i) Record check. |
| 2nd | 2nd (2p) | Gr 2 | Study of Automobile chassis. (i) Record check. |
| 2nd | 1st (2p) | Gr 1 | Study of Automobile chassis. (i) Viva and assessment. |
| 2nd | 2nd (2p) | Gr 2 | Study of Automobile chassis. (i) Viva and assessment. |
| 3rd | 1st (2p) | Gr 1 | Study the differential mechanism of the Tractor. (i) Demonstrate and explain the differential mechanism of tractor. |
| 3rd | 2nd (2p) | Gr 2 | Study the differential mechanism of the Tractor. (i) Demonstrate and explain the differential mechanism of tractor. |
| 3rd | 1st (2p) | Gr 1 | VIVA AND RECORD CHECK |

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| 3rd | 2nd (2p) | Gr 2 | VIVA AND RECORD CHECK |
| 3rd | 1st (2p) | Gr 1 | Study the differential mechanism of the tractor. |
| 3rd | 2nd (2p) | Gr 2 | Study the differential mechanism of the Tractor. |
| 4th | 1st (2p) | Gr 1 | Study the hydraulic braking system of automobile. |
| 4th | 2nd (2p) | Gr 2 | Study the hydraulic braking system of automobile. |
| 5th | 1st (2p) | Gr 1 | Study the hydraulic braking system of automobile. |
| 5th | 2nd (2p) | Gr 2 | Study the hydraulic braking system of automobile. |
| 5th | 1st (2p) | Gr 1 | Study the hydraulic braking system of automobile. |
| 5th | 2nd (2p) | Gr 2 | Study the hydraulic braking system of automobile. |
| 6th | 1st (2p) | Gr 1 | Study the cut section model of carburetor solex type and maruti car type. |
| 6th | 2nd (2p) | Gr 2 | Study the cut section model of carburetor solex type and maruti car type. |
| 7th | 1st (2p) | Gr 1 | Study the cut section model of carburetor solex type and maruti car type. |
| 7th | 2nd (2p) | Gr 2 | Study the cut section model of carburetor solex type and maruti car type. |
| 7th | 1st (2p) | Gr 1 | Study the cut section model of carburetor solex type and maruti car type. |
| 7th | 2nd (2p) | Gr 2 | Study the cut section model of carburetor solex type and maruti car type. |
| 8th | 1st (2p) | Gr 1 | Study the fuel pump cut section model. |
| 8th | 2nd (2p) | Gr 2 | Study the fuel pump cut section model. |
| 8th | 1st (2p) | Gr 1 | Study the fuel pump cut section model. |
| 8th | 2nd (2p) | Gr 2 | Study the fuel pump cut section model. |
| 9th | 1st (2p) | Gr 1 | Study the fuel pump cut section model. |
| 9th | 2nd (2p) | Gr 2 | Study the fuel pump cut section model. |
| 10th | 1st (2p) | Gr 1 | Study the actual cut section of gear box. |
| 10th | 2nd (2p) | Gr 2 | Study the actual cut section of gear box. |
| 10th | 1st (2p) | Gr 1 | Study the actual cut section of gear box. |
| 10th | 2nd (2p) | Gr 2 | Study the actual cut section of gear box. |
| 11th | 1st (2p) | Gr 1 | Study the actual car engine. |
| 11th | 2nd (2p) | Gr 2 | Study the actual car engine. |
| 12th | 1st (2p) | Gr 1 | Study the actual car engine. |
| 12th | 2nd (2p) | Gr 2 | Study the actual car engine. |
| 13th | 1st (2p) | Gr 1 | VIVA AND RECORD CHECK |

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| 13th | 2nd (2p) | Gr 2 | VIVA AND RECORD CHECK |
| 14th | 1st (2p) | Gr 1 | Add on any experiment related to AE. |
| 14th | 2nd (2p) | Gr 2 | Add on any experiment related to AE. |
| 15th | 1st (2p) | Gr 1 | Grand Viva. |
| 15th | 2nd (2p) | Gr 2 | Grand Viva. |

Janmejay Sawang