

Zeal Education Society's**Zeal College of Engineering & Research, Narhe, Pune****Department: Mechanical Engineering**

| Sr. No. | Topic | URL |
|---------|---|---|
| 1 | Turbo Machines | https://learn.thezealacademy.com/learn/home/Turbo-Machines/section/376429/lesson/2326334?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 2 | Thermal Power Plant | https://learn.thezealacademy.com/learn/home/Thermal-Power-Plant/section/376453/lesson/2326441?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 3 | Heat Transfer | https://learn.thezealacademy.com/learn/home/Heat-Transfer/section/376457/lesson/2326531?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 4 | CNC Machining | https://learn.thezealacademy.com/learn/home/CNC-Machining/section/376500/lesson/2326674?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 5 | HAVC & R | https://learn.thezealacademy.com/learn/home/HAVC---R/section/376504/lesson/2326697?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 6 | Applications of Hydraulic and Pnumatic System in Industries | https://learn.thezealacademy.com/learn/home/Applications-of-Hydraulic-and-Pnumatic-System-in-Industries/section/376527/lesson/2326894?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 7 | Solid Modeling and Drafting | https://learn.thezealacademy.com/learn/home/Solid-Modeling-and-Drafting/section/376546/lesson/2326937?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 8 | CAD in PLM | https://learn.thezealacademy.com/learn/home/CAD-in-PLM/section/376534/lesson/2326904?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 9 | Heat Transfer | https://learn.thezealacademy.com/learn/home/Heat-Transfer/section/376457/lesson/2326910?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 10 | Gear box | https://learn.thezealacademy.com/learn/home/Gear-box/section/376563/lesson/2327010?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 11 | Design of Machine Elements | https://learn.thezealacademy.com/learn/home/Design-of-Machine-Elements/section/376582/lesson/2327113?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 12 | Gear box | https://learn.thezealacademy.com/learn/home/Gear-box/section/376563/lesson/2327086?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 13 | Machinary Fault Diagnosis & Condition Monitoring | https://learn.thezealacademy.com/learn/home/Machinary-Fault-Diagnosis---Condition-Monitoring/section/376771/lesson/2328430?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 14 | Theory of Machine - II | https://learn.thezealacademy.com/learn/home/Theory-of-Machine-II/section/376796/lesson/2328598?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 15 | CAM | https://learn.thezealacademy.com/learn/home/CAM/section/376809/lesson/2328842?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 16 | Robotics Automation and Industrial Application | https://learn.thezealacademy.com/learn/home/Robotics-Automation-and-Industrial-Application/section/376848/lesson/2329148?embedPlayer=1&disableLessonChange=true&visitorFlow=true |

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| 17 | Computer Graphics | https://learn.thezealacademy.com/learn/home/CAD-in-PLM/section/376534/lesson/2329600?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 18 | Mechanical Testing of Engineering Materials | https://learn.thezealacademy.com/learn/home/Mechanical-Testing-of-Engineering-Materials/section/376956/lesson/2329688?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 19 | Design of Simple Machine Elements | https://learn.thezealacademy.com/learn/home/Design-of-Machine-Elements/section/376582/lesson/2330826?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 20 | Rigidity Consideration in Design | https://learn.thezealacademy.com/learn/home/Design-of-Machine-Elements/section/376582/lesson/2330960?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 21 | Unit - 1: Design of Simple Machine Elements | https://learn.thezealacademy.com/learn/home/Design-of-Machine-Elements/section/376582/lesson/2331066?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 22 | Steps in Design Process | https://learn.thezealacademy.com/learn/home/Design-of-Machine-Elements/section/376582/lesson/2331088?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 23 | Practical Approach | https://learn.thezealacademy.com/learn/home/Design-of-Machine-Elements/section/376582/lesson/2331123?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 24 | Analysis and Synthesis of Mechanism | https://learn.thezealacademy.com/learn/home/Analysis-and-Synthesis-of-Mechanism/section/377168/lesson/2331251?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 25 | IC Engine | https://learn.thezealacademy.com/learn/home/IC-Engine/section/377169/lesson/2331252?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 26 | Electric Vehicle | https://learn.thezealacademy.com/learn/home/Electric-Vehicle/section/377181/lesson/2331285?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 27 | Metrology and Quality Control | https://learn.thezealacademy.com/learn/home/Metrology-and-Quality-Control/section/377182/lesson/2331290?embedPlayer=1&disableLessonChange=true&visitorFlow=true |
| 28 | Introduction to Dynamics | https://learn.thezealacademy.com/learn/home/Introduction-to-Dynamics/section/377221/lesson/2331394?embedPlayer=1&disableLessonChange=true&visitorFlow=true |