



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



VINAYAKA MISSION'S
RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)



Accredited by NAAC



Approved by AICTE

DEPARTMENT OF MECHANICAL ENGINEERING

17MECC83-MANUFACTURING TECHNOLOGY LAB-II (UG)

LIST OF EXPERIMENTS

1. Make a square end from a given round bar by using shaping machine.
2. Make an inclined surface from a given specimen by using shaping machine.
3. Make a hexagonal block from a given round stock by using plain milling machine.
4. Make a spur gear from the given blank by using universal milling machine.
5. Make an external keyway on a given round rod by using vertical milling machine.
6. Make an internal keyway on a given hollow specimen by using slotting machine.
7. Make a grinding process on a machined surface as given surface finish by using cylindrical grinding machine.
8. Make an internal thread cutting on a given specimen as per given dimensions by the sequence drilling, boring, reaming and tapping by using respective tools and machines.

HOD/MECH