



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

NAME OF THE LAB: METALLURGY LAB

LAB CODE: 17MECC84

S. No.	List of Exercises	You tube link
1	Identification of Low Carbon Steel	https://youtu.be/cFeV32Z0EHE
2	Identification of Austenitic Stainless Steel	https://youtu.be/9DIZiSByWcc
3	Identification of Grey Cast Iron	https://youtu.be/yJ0VwclU9t0
4	Identification of Nodular Cast Iron	https://youtu.be/TLz6pKx2hwM
5	Identification of Brass (Copper Alloy)	https://youtu.be/XxPNF5k3hXs
6	Identification of Aluminium Alloy	https://youtu.be/Tq7phWKWksl
7	Heat Treatment - Normalising	https://youtu.be/YWUK2NZ_8WY
8	Heat Treatment - Annealing	https://youtu.be/Sd9bG92eWYA
9	Heat Treatment - Hardening	https://youtu.be/4VZZC-rfkxY
10	Heat Treatment - Tempering	https://youtu.be/3VkJJUa7NG4