



STRENGTH OF MATERIALS LABORATORY
DEPARTMENT OF CIVIL ENGINEERING
COLLEGE OF ENGINEERING TRIVANDRUM

CET / ITC & SR No. 392/25-26

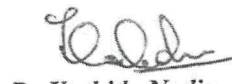
11.07.2025

TEST RESULTS (As per IS 1608:2005,1786: 2008)

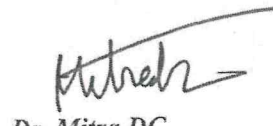
Sl. No.	Brand Name	Reported Diameter (mm)	Actual Diameter (mm)	Unit Weight (kg/m)	Yield Strength (N/mm ²)	Ultimate Strength (N/mm ²)	Elongation (%)	Bend & Rebend
13	SURYADEV 550D	20	20.032	2.474	650.306	✓ 727.123	25.00	OK
14		20	20.052	2.479	679.675	✓ 741.006	26.00	OK
15		20	20.036	2.475	650.047	✓ 711.475	27.00	OK
16		25	24.479	3.847	622.300	✓ 691.508	24.00	OK
17		25	24.963	3.842	623.098	✓ 692.394	24.00	OK
18		25	24.944	3.836	624.048	✓ 703.364	23.20	OK


Sri. Joy J

TECHNICAL STAFF -IN-CHARGE


Dr. Yashida Nadir

FACULTY -IN-CHARGE

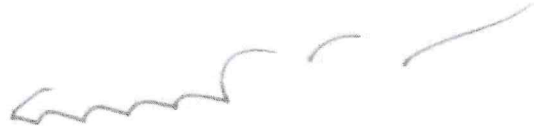

Dr. Mitra DC

LAB-IN-CHARGE


Dr. Priyadarsini .RS

HEAD OF THE DEPARTMENT




PRINCIPAL
കോളേജ് ഓഫ് എഞ്ചിനീയറിംഗ്
ട്രിവാൻദ്രം, തിരുവനന്തപുരം 16
8

OK
