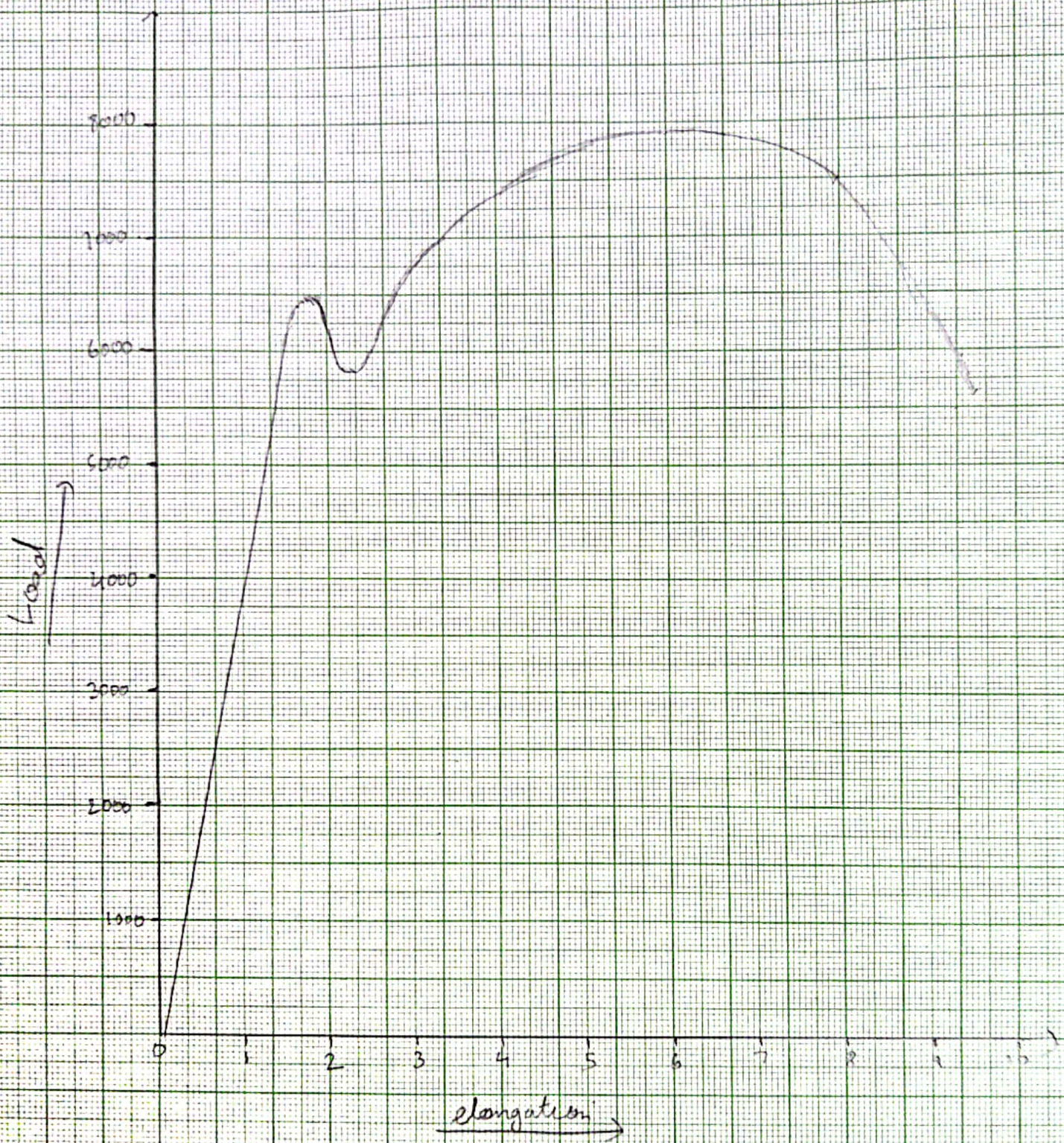


Tensile Test on Mild Steel sample

S. No.	Load, N	Elongation, mm	S. No.	Load, N	Elongation, mm
1	20	0.0	33	7050	3.2
2	90	0.1	34	7120	3.3
3	220	0.2	35	7180	3.4
4	470	0.3	36	7250	3.5
5	840	0.4	37	7300	3.6
6	1210	0.5	38	7370	3.7
7	1590	0.6	39	7410	3.8
8	2040	0.7	40	7470	3.9
9	2460	0.8	41	7530	4.0
10	2920	0.9	42	7540	4.1
11	3400	1.0	43	7540	4.2
12	3880	1.1	44	7620	4.3
13	4360	1.2	45	7660	4.4
14	4910	1.3	46	7680	4.5
15	5440	1.4	47	7700	4.6
16	5930	1.5	48	7720	4.7
17	6440	1.6	49	7750	4.8
18	5690	1.7	50	7740	4.9
19	5720	1.8	51	7800	5.0
20	5750	1.9	52	7830	5.1
21	5760	2.0	53	7840	5.2
22	5710	2.1	54	7850	5.3
23	5820	2.2	55	7850	5.4
24	6010	2.3	56	7840	5.5
25	6190	2.4	57	7870	5.6
26	6340	2.5	58	7870	5.7
27	6460	2.6	59	7880	5.8
28	6570	2.7	60	7890	5.9
29	6690	2.8	61	7900	6.0
30	6740	2.9	62	7880	6.1
31	6880	3.0	63	7900	6.2
32	6970	3.1	64	7890	6.3



Scale

x-axis : 1.5 unit = 1 mm

y-axis : 2 unit = 1000 N

Tensile Test on Mild Steel sample

2. No.	Load, N	Elongation, mm	2. No.	Load, N	Elongation, mm
1	20	0.0	33	1020	3.1
2	40	0.1	34	1150	3.3
3	60	0.2	35	1180	3.4
4	80	0.3	36	1250	3.5
5	100	0.4	37	1300	3.6
6	120	0.5	38	1350	3.7
7	140	0.6	39	1410	3.8
8	160	0.7	40	1450	3.9
9	180	0.8	41	1530	4.0
10	200	0.9	42	1540	4.1
11	220	1.0	43	1550	4.2
12	240	1.1	44	1560	4.3
13	260	1.2	45	1580	4.4
14	280	1.3	46	1600	4.5
15	300	1.4	47	1650	4.6
16	320	1.5	48	1720	4.7
17	340	1.6	49	1750	4.8
18	360	1.7	50	1760	4.9
19	380	1.8	51	1800	5.0
20	400	1.9	52	1830	5.1
21	420	2.0	53	1840	5.2
22	440	2.1	54	1850	5.3