

Birla Institute of Technology & Science, Pilani

Pilani Campus

PHY F244: Modern Physics Laboratory | SEM - II | 2024-2025

Observation Sheet

Date: 4th Feb 2005

Exp No.: 2 Exp Name: Frank - Westz Experiment Group No.: 1

S.N.	Name	ID	Signature	Viva Marks	Faculty Signature with Date
1.	Aarou Shah	2023 ASAO1325P	the.	5	28
2.	Addilya Thateur	2023B5AD1128P	boolla	51	XIISC
3.	Shay Badane	2023B5HA 1111P	dehay	5)	4/425
4.	0		O		

	KIK 3105V	Vaik = 2.50 Va2A = 7.50	VCnk = 1.50 VCax > 5V
VC12K(V)	I (nA)	VU2H - 1 5 0	
5.5	0	0	0.06
6	0	0	0.44
9	0.12	0.1	14.45
12	41.65	5,88	21-71
15	7.67	12.23	24-23
18	10-65	15-49	24-31
21	9.25	12.71	18-31
24	5.61	8.28	20-92
27	15.13	18-94	31-65
30	21-51	23.63	32.84
33	14.71	14-11	18.54
36	10-12	10.03	12R 32-76
39	33.1	31-14	48.53
42	37-3	34-83	44.5
45	16-71	15.13	22-1

	2-9		
		P-II	R-111.
Vek (V)	I(0A)	I(nA)	I(nt)
48	21.1	16.47	49.8
51	53.8	45.81	67.8
54	55.9	48-23	58 - 1
57	22.3	19-74	33.2
60	31.8	26.16	69.1
63	72.4	62-13	86-8
66	75.5	64-32	78-1
69	39.3	33.86	57-2
72	42-4	34.73	83.9
75	87.9	75.73	109.9
78	100	85.8	
, 0		03.0	105-4
1 9 6	-	1	
		3.00	
	1 1 1 1 1 1		