

PROJECT IRR (SECTION - I)

Capital Cost (Rs.)	483.95 Lakhs	Fare Adult	80.00
ARC (Rs.)	40.97 Lakhs	Fare Children	40.00

CASH FLOW

YEAR	CAPITAL COST	ANNUAL RECURRING COST (ARC)	GROSS REVENUE	NET INFLOW (Rs. in lakhs)
1	193.58	0.00	0.00	-193.58
2	290.37	0.00	0.00	-290.37
3	0.00	40.97	90.16	49.19
4	0.00	40.97	92.41	51.44
5	0.00	40.97	94.72	53.75
6	0.00	45.07	106.80	61.73
7	0.00	45.07	109.47	64.40
8	0.00	45.07	112.21	67.14
9	0.00	49.57	126.51	76.94
10	0.00	49.57	129.68	80.10
11	0.00	49.57	132.92	83.35
12	0.00	54.53	149.87	95.34
13	0.00	54.53	153.61	99.08
14	0.00	54.53	157.45	102.92
15	0.00	59.98	177.53	117.54
16	0.00	59.98	181.97	121.98
17	30.90	59.98	186.52	95.63
18	0.00	65.98	210.30	144.31
19	0.00	65.98	215.55	149.57
20	0.00	65.98	220.94	154.96
21	0.00	72.58	249.11	176.53
22	0.00	72.58	255.34	182.76
23	0.00	72.58	261.73	189.14
24	0.00	79.84	295.10	215.26
25	0.00	79.84	302.47	222.63
26	0.00	79.84	310.03	230.20
27	0.00	87.82	349.56	261.74
28	0.00	87.82	358.30	270.48
29	0.00	87.82	376.44	288.62
30	0.00	96.61	424.44	327.83
31	0.00	96.61	435.05	338.44
32	0.00	96.61	445.93	349.32
NET PRESENT VALUE				
15%	390.76	244.48	656.36	21.11
16%	385.15	223.75	594.48	-14.42
		IRR		15.67%

1. Every after 3 years 10% increase of Ticket fare is considered.
2. Every after 3 years 10% increase of Annual Recurring Cost is considered.
3. After every 15 years DG set & 5% of capital cost needs to be changed.

PROJECT IRR (SECTION - II)

Capital Cost (Rs.)	371.06 Lakhs	Fare Adult	80.00
ARC (Rs.)	33.02 Lakhs	Fare Children	40.00

CASH FLOW

YEAR	CAPITAL COST	ANNUAL RECURRING COST(ARC)	GROSS REVENUE	NET INFLOW (Rs. in lakhs)
1	148.42	0.00	0.00	-148.42
2	222.64	0.00	0.00	-222.64
3	0.00	33.02	45.08	12.06
4	0.00	33.02	46.21	13.19
5	0.00	33.02	47.36	14.34
6	0.00	36.32	53.40	17.08
7	0.00	36.32	54.74	18.41
8	0.00	36.32	56.10	19.78
9	0.00	39.95	63.26	23.30
10	0.00	39.95	64.84	24.88
11	0.00	39.95	66.46	26.51
12	0.00	43.95	74.93	30.98
13	0.00	43.95	76.81	32.86
14	0.00	43.95	78.73	34.78
15	0.00	48.34	88.76	40.42
16	0.00	48.34	90.98	42.64
17	28.49	48.34	93.26	16.42
18	0.00	53.18	105.15	51.97
19	0.00	53.18	107.78	54.60
20	0.00	53.18	110.47	57.29
21	0.00	58.50	124.56	66.06
22	0.00	58.50	127.67	69.17
23	0.00	58.50	130.86	72.37
24	0.00	64.35	147.55	83.20
25	0.00	64.35	151.24	86.89
26	0.00	64.35	155.02	90.67
27	0.00	70.78	174.78	104.00
28	0.00	70.78	179.15	108.37
29	0.00	70.78	183.63	112.85
30	0.00	77.86	207.04	129.18
31	0.00	77.86	212.22	134.36
32	0.00	77.86	217.52	139.67
NET PRESENT VALUE				
8%	336.00	420.48	766.88	10.40
9%	330.14	370.88	666.33	-34.69
		IRR		8.44%

1. Every after 3 years 10% increase of Ticket fare is considered.
2. Every after 3 years 10% increase of Annual Recurring Cost is considered.
3. After every 15 years DG set & 5% of capital cost needs to be changed.