

Week-03-L-04

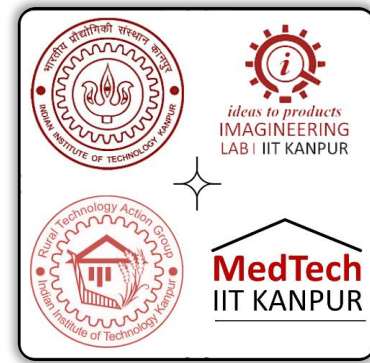
Value Engineering Agricultural Plan

Function Phase Continuation

Numerical Evaluation of Functions cont..

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Numerical Evaluation for Knapsack Sprayer

Key Letters	Functions
A	Store Solution
B	Secure Closure
C	Generate Pressure
D	Transport Solution
E	Control Flow
F	Target Spraying
G	Spray Solution ✓
H	Perform Pumping
I	Secure Attachment
J	Ensure Filter
K	Generate Motion
L	Transfer Force
M	Dispense Solution
N	Apply Force

Highest weight

Evaluation Weight Factor (Difference in Importance)	
1	Minor Difference
2	Medium Difference
3	Major Difference

	B	C	D	E	F	G	H	I	J	K	L	M	N	T	Adj Wt	% Wt
A	A2	A1	D1	E1	A2	G3	H2	A1	A3	A1	A2	A1	A1	14	15	
B	C2	D2	E1	F1	G3	H2	I2	B2	K2	L2	M2	N1	2	3		
C	C2	C2	C1	G3	C1	C2	C3	K1	C2	C1	C1		4			
D	E1	D2	G2	D1	D2	D3	K2	D1	M2	D1			11			
E	E3	G3	E3	E3	E3	K1	E2	M2	E2							
F	G2	G2	D1	F2	K2	L2	M2	N1								
G	G3	G3	G3	G2	G3	G1	G2									
H	H2	H3	K2	H1	M1	H1	11									
I	I2	K1	I2	M1	I2											
J	K2	L2	M2	N2	0	1										
K	K1	K2	N2													
L	M1	N1														
M	M2															
N																

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Thank You

