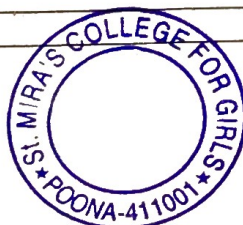**1.1.3 - List of Activities for Courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years**

Sr. No.	Name of the Course	Course Code
	MSC	
1	Cloud computing	MSE21905
2	Practical paper based on Software Architecture and Design Pattern, Machine Learning & Web Frameworks	MS32004
	MCOM	
3	Introduction to Behavioural Finance	MCM32004
4	Capital Markets and Financial Services	MCM42001
5	Project Work (Business Administration)	MCM42004
6	Project Work (Accountancy)	MCM42006
	MA ECONOMICS	
7	Research Project	MEC42003
	FYBCOM	
8	Compulsory English	AC#12001
9	Compulsory English	AC#22001
10	Business Mathematics and Statistics	AC12001
11	Business Mathematics and Statistics	AC22001
12	Consumer Protection & Business Ethics	C12006
13	Consumer Protection & Business Ethics	C22006
14	Business Administration	AC12008
15	Business Administration	AC22008
	SYBCOM	
16	Business Administration – I	C31608
17	Business Administration – I	C41608
	TYBCOM	
18	Business Administration - II	C51708
19	Business Administration - II	C61708
20	Marketing - III	C51713
21	Marketing - III	C61713
	FYBA	
22	Comp. English EM	A12001
23	Optional English	A12005
24	Optional English	A22005
	SYBA	
25	Comp English-EM	A31601
26	Comp English-EM	A41602
27	Comp English-MM	A31602
28	Comp English-MM	A41602
29	English-1	A31614
30	English-2	A41614
	TYBA	
31	Comp English EM	A51701
32	Comp English EM	A61701
33	Comp English MM	A51702
34	Comp English MM	A61702
35	Sociology Special-3	A51712
36	English-3	A51715
37	English-4	A61715
38	English -4	A51716
39	English -5	A61716
40	Psychology Special -3	A51718

1.1.3 - List of Activities for Courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

Sr. No.	Name of the Course	Course Code
	FYBSC	
41	Discrete Mathematics	BS12003
42	Principles of Digital Electronics	BS12008
43	Electronics Practical	BSP12012
44	Graph Theory	BS22003
	SYBSC	
45	Mathematics - Numerical Analysis	BS31604
46	Mathematics - Operations Research	BS41604
47	Digital System Design	BS31605
48	PIC Microcontroller Architecture, Interfacing & Programming	BS41605
	TYBSC	
49	Operating Systems	BS61701
50	Object oriented analysis and design	BS51706
51	Advanced database management system	BS61706
52	Lab Course III	BSP61709
	FYBBA	
53	Principles of Management	BB22001
	TYBBA	
54	Entrepreneurship Development	BB51702
55	Specialisation - Finance	BB61706A
56	Specialisation - HR	BB61706B
57	Specialisation - Marketing	BB61706C
	FYBBA(CA)	
58	Business Communication Skills	BC12001
59	Principles of Management	BC12002
60	C Language	BC12003
	SYBBA(CA)	
61	Software Engineering	BC31605
62	Opertaing System	BC31603
	TYBBA(CA)	
63	Web technology	BC51702
64	Project	BC51706
65	Advanced Web Technology	BC61701
66	Project	BC61706

IQAC Co-Ordinator
St. Mira's College for Girls, Pune

G. H. Gidwani
Principal
St. Mira's College for Girls

1. Unit No.: 4
2. Employability/Entrepreneurship/Skill development
   Skill Development : Problem Solving, computing skills
3. Test on Linear Programming Problems helps in problem solving, decision making
4. Test on Transportation Problems : helps in problem solving, decision making

Gitanjali Phadnis

Q2)

		destination					Row penalty			
		D_1	D_2	D_3	D_4	Supply				
	O_1	22	24	16	16 (30)	30	0	–	–	–
sources	O_2	12 (5)	17 (35)	20	51	40	5	5	5	8
	O_3	22 (17)	28	12 (25)	32 (11)	53	10	10	10	10
	demand	22	35	25	41	123				

TP is balanced as demand = supply

column penalty
```
10    10    4    16↑
10    11    8    19↑
10    11↑   8    –
10    –     8    –
```

We get $m+n-1 = 3+4-1 = 6$ allocation so this is non-degenerate IBFs (initial basic feasible solution).

Allocations:

$x_{14} = 30$

$x_{21} = 5$

$x_{22} = 35$

$x_{31} = 17$

$x_{33} = 25$

$x_{34} = 11$

TP cost =
$16 \times 30 + 12 \times 5 + 17 \times 35 + 17 \times 22 + 12 \times 25 + 32 \times 11$
$= ₹2161$

Gitanjali Phadnis