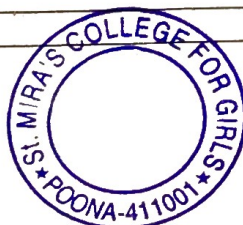


**1.1.3 - List of Activities for Courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years**

Sr. No.	Name of the Course	Course Code
	<b>MSC</b>	
1	Cloud computing	MSE21905
2	Practical paper based on Software Architecture and Design Pattern, Machine Learning & Web Frameworks	MS32004
	<b>MCOM</b>	
3	Introduction to Behavioural Finance	MCM32004
4	Capital Markets and Financial Services	MCM42001
5	Project Work (Business Administration)	MCM42004
6	Project Work (Accountancy)	MCM42006
	<b>MA ECONOMICS</b>	
7	Research Project	MEC42003
	<b>FYBCOM</b>	
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
	<b>SYBCOM</b>	
16	Business Administration – I	C31608
17	Business Administration – I	C41608
	<b>TYBCOM</b>	
18	Business Administration - II	C51708
19	Business Administration - II	C61708
20	Marketing - III	C51713
21	Marketing - III	C61713
	<b>FYBA</b>	
22	Comp. English EM	A12001
23	Optional English	A12005
24	Optional English	A22005
	<b>SYBA</b>	
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
	<b>TYBA</b>	
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





**St. Mira's College for Girls, Pune**  
(Autonomous-Affiliated to Savitribai Phule Pune University)

**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
<b>FYBSC</b>		
41	Discrete Mathematics	BS12003
42	Principles of Digital Electronics	BS12008
43	Electronics Practical	BSP12012
44	Graph Theory	BS22003
<b>SYBSC</b>		
45	Mathematics - Numerical Analysis	BS31604
46	Mathematics - Operations Research	BS41604
47	Digital System Design	BS31605
48	PIC Microcontroller Architecture, Interfacing & Programming	BS41605
<b>TYBSC</b>		
49	Operating Systems	BS61701
50	Object oriented analysis and design	BS51706
51	Advanced database management system	BS61706
52	Lab Course III	BSP61709
<b>FYBBA</b>		
53	Principles of Management	BB22001
<b>TYBBA</b>		
54	Entrepreneurship Development	BB51702
55	Specialisation - Finance	BB61706A
56	Specialisation - HR	BB61706B
57	Specialisation - Marketing	BB61706C
<b>FYBBA(CA)</b>		
58	Business Communication Skills	BC12001
59	Principles of Management	BC12002
60	C Language	BC12003
<b>SYBBA(CA)</b>		
61	Software Engineering	BC31605
62	Operating System	BC31603
<b>TYBBA(CA)</b>		
63	Web technology	BC51702
64	Project	BC51706
65	Advanced Web Technology	BC61701
66	Project	BC61706

*Jayab*

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



*G. H. Gidwani*

**Principal**  
**St. Mira's College for Girls**

**St. Mira's College for Girls, Pune**  
**(Autonomous-Affiliated to SavitribaiPhule Pune University)**  
**Subject: Mathematics Paper I Discrete Mathematics BS12003**  
**SEMESTER: I**  
**Year 2020-2021**

1. Unit No.: 1
2. Employability/Entrepreneurship/Skill development  
Skill Development : Problem Solving, computing skills
3. Test on Mathematical Induction using Google Classroom

The screenshot shows a Google Classroom interface. At the top, the browser tabs include 'URGENT: Google Sheet Links for...', 'Inbox (4,963) - gitanjali.phadnis@stmira.ac.in', 'FY BSc Internal Examination Ass...', and 'Download file | iLovePDF'. The address bar shows a Google Classroom URL. The main header reads 'FY BSc Internal Examination Assignment Semester 1 : BS12003 Discrete Mathematics'. Below this, the student's name '5433\_Shirin Saji' is shown with a 'Turned in' status. A 'Return' button is visible. The central part of the screen displays a PDF of a handwritten assignment titled 'Discrete Mathematics Assignment'. The text in the PDF includes: '2) Using the first principle of mathematical induction prove the following:  $(2 \cdot 7^n) + (3 \cdot 5^n) - 5$  is divisible by 24, for all  $n \in \mathbb{N}$ '. The solution starts with 'Step 1: let  $n=1$ ', followed by calculations:  $L.H.S \Rightarrow 2 \cdot 7^1 + 3 \cdot 5^1 - 5 = 2 \cdot 7 + 3 \cdot 5 - 5 = 14 + 15 - 5 = 24$ . It concludes: 'As 24 is divisible by 24, result is true for  $n=1$ , that is,  $P(1)$  is true.' The next step is 'Step 2: Assume result is true for  $n=k$ , i.e,  $P(k)$  is true i.e.,  $2 \cdot 7^k + 3 \cdot 5^k - 5$  is divisible by 24. Let  $2 \cdot 7^k + 3 \cdot 5^k - 5 = 24m$  for some integer  $m$ '. The PDF viewer shows 'Page 1 / 6'. On the right side, there is a sidebar with 'Files' (showing the assignment turned in on Dec 15, 2020), 'Grade' (set to /20), and 'Private comments' (with a 'Post' button). At the bottom, there are tabs for 'Operations researc...', 'ilovepdf\_pages-to-...', 'imgtopdf\_generat...', and '5509\_Bipasini\_assi...'.

Gitanjali Phadnis