

Bridge Course in Mathematics and Statistics: 2018-19

A bridge course for the students of FYBCom in Mathematical & Statistical Techniques was organized by the department of Mathematics and Statistics in the month of July 2018. Students who had Secretarial Practice subject at XII class were encouraged to join the course. The course was conducted on 28th July and 4th August 2018. The topics covered were as follows-

1. Percentage
2. Discount
3. Use of calculators
4. Solution of Quadratic equations
5. Solving Simultaneous equations
6. Introduction to Statistics

80 students took advantage of the course. The students asked basic doubts about the subject and got it cleared. The bridge course helped the students in overcoming fear and better understanding of the subject of Mathematical & Statistical Techniques.




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3

Department of Mathematics, Statistics and Computers

FYBCom: Mathematical & Statistical Techniques

Bridge Course : 2019-20

A bridge course for the students of FYBCom in the subject of Mathematical & Statistical Techniques was organized by the department of Mathematics, Statistics and Computers in the month of July 2019.

Objective: The objective of the bridge course was to introduce simple concepts of Mathematics and Statistics to the students. These concepts along with practice of doing calculations will be the base required so that the students do not face difficulty in understanding the course as the lectures commence.

Context: Most of the FYBCom students don't opt for Mathematics subject at XI and XII class. Such students often find the Mathematical & Statistical Techniques course of FYBCom difficult in the beginning of the semester. To bring the students in the streamline, they are encouraged to join the 10 hours bridge course.

The course was conducted from 9th July to 15th July 2019. The topics covered in the course were as follows-

1. Percentage
2. Discount
3. Use of calculators
4. BODMAS rule and solving arithmetic expressions
5. LCM and solving equation in one variable
6. Solution of Quadratic equations
7. Solving Simultaneous equations
8. Introduction to Statistics

Response and Participation: 57 students took part in the bridge course and were eager to learn the concepts. They were given practice on the above topics.

Outcome: Students became familiar with the basic concepts and got a hang of calculations. The bridge course helped the students in overcoming fear of the subject. Apart from this, the students developed a good rapport with the faculty. This is an important aspect as the students come out with their doubts during classroom teaching which gives rise to 2-way interaction in the class.

Feedback: The students were happy with the conduction of the course and thought that the introductory course will help them in learning the actual course.



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Department of Mathematics, Statistics and Computers

Bridge Course in Mathematics: 2020-21

Report

Duration: 29th October 2020 to 28th November 2020

Total hours:11

Total students registered: 102

Schedule:

S.No.	Topic	Number of students	Date	Time
1	Percentage, Commission, Brokerage	80	29 th October 2020	2.00 pm to 2.50 pm
2	Solution of Linear Equations	76	31 st October 2020	12.30 pm to 1.20 pm
3	Solution of Simultaneous Equations	64	2 nd November 2020	1.30 pm tp 2.20 pm
4	Solution of Quadratic Equations and Factorization and Set theory	70	5 th November 2020	11.20 am to 12.10 pm
5	Shares Revision	62	17 th November 2020	9.00 am to 10.40 am
6	Shares problems revision	79	18 th November 2020	9.00 am to 10.00 am
7	Mutual funds- revision	50	19 th November 2020	4.00 pm to 5.00 pm
8	Mutual funds- revision	60	20 th November 2020	11.20 am to 12.20 pm
9	Introduction to Statistics, Averages, Arithmetic mean	62	25 th November 2020	11.20 am to 12.20 pm
10	Median, Quartiles	40	26 th November 2020	12.10 pm to 1.10 pm
11	Mode, Use of Calculators	40	28 th November 2020	11.20 am to 12.20 pm




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Department of Mathematics, Statistics and Computers

Bridge Course in Mathematics: 2021-22

Report

The Department of Mathematics, Statistics and Computers organized a Bridge course in Mathematics and Statistics for the First year BCom students.

Duration: 28th September 2021 to 28th October 2021

Total hours: 11

Total students registered: 144

Objective: Most of the FYBCom students opt for Secretarial Practice subject instead of Mathematics at XII Standard level. These students find Mathematical and Statistical Techniques difficult at the beginning. The bridge course was organized with an objective to acquaint the students with fundamentals of mathematics so that they overcome the fear of the subject and become comfortable with the calculations.

Schedule:

S.No.	Topic	Number of students	Date	Time
1	Percentage, Commission, Brokerage	55	28 th September 2021	4.30 pm to 5.30 pm
2	Solution of Linear Equations	71	29 th September 2021	12.30 pm to 1.30 pm
3	Solution of Simultaneous Equations	75	30 th September 2021	11.30 am to 12.30 pm
4	Solution of Quadratic Equations and Factorization	63	4 th October 2021	4.30 pm to 5.30 pm
5	Shares Revision	69	6 th October 2021	4.30 pm to 5.30 pm
6	Shares Revision	50	7 th October 2021	1.00 pm to 2.00 pm
7	Mutual funds- Revision	72	8 th October 2021	12.30 pm to 1.30 pm
8	Mutual funds- Revision	75	11 th October 2021	12.30 pm to 1.30 pm
9	Introduction to Statistics, Averages- Arithmetic mean and Median	42	27 th October 2021	4.00 pm to 5.30 pm
10	Quartiles and Mode	48	28 th October 2021	4.00 pm to 5.30 pm

Outcome: After completion of the bridge course, students were acquainted with the fundamentals of mathematics which helped them in understanding the subject in a better manner.

3




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Department of Mathematics, Statistics and Computers

Bridge Course in Mathematics: 2022-23

Report

The Department of Mathematics, Statistics and Computers organized a Bridge course in Mathematics and Statistics for the First year BCom students.

Duration: 8th August 2022 to 24th August 2022

Total hours:10

Total students registered: 105

Objective: Majority students of FYBCom opt for Secretarial Practice subject instead of Mathematics in Junior college- XI and XII Standard level. These students find Mathematical and Statistical Techniques difficult initially as the degree course begins. The bridge course is organized with an objective to acquaint the students with fundamentals of Mathematics so that they overcome the fear of the subject and become comfortable with the calculations.

Schedule:

S.No.	Topic	Number of students	Date	Time
1	Percentage, Commission, Brokerage	57	8 th August 2022	4.00 pm to 5.00 pm
2	Solution of Linear Equations	42	12 th August 2022	4.30 pm to 5.30 pm
3	Solution of Simultaneous Equations	41	17 th August 2022	4.00 pm to 5.00 pm
4	Solution of Quadratic Equations and Factorization	37	18 th August 2022	4.00 pm to 5.00 pm
5	Shares- Revision	50	20 th August 2022	4.00 pm to 5.30 pm
6	Mutual funds- Revision	37	22 nd August 2022	4.00 pm to 5.30 pm
7	Introduction to Statistics, Averages- Arithmetic mean	37	23 rd August 2022	4.00 pm to 5.30 pm
8	Median and Mode	44	24 th August 2022	4.00 pm to 5.30 pm

Outcome: Students found the bridge course useful in getting acquainted with the fundamentals of the subject which in turn helped them in better understanding of the subject.



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3