



ST.ANN'S COLLEGE FOR WOMEN

**(Affiliated to Acharya Nagarjuna University,
Recognised under 2(f) UGC Act 1956, New Delhi)
GORANTLA, GUNTUR – 522034, A. P**

Email: st_anns_coll@yahoo.co.in Website: www.stannscollegeforwomen.org

Criteria: I

Metric: 1.1.1



Criterion –I

1.1.1 Curriculum Planning and Implementation

BRIDGE COURSES

2018-19 TO 2022-2023

St. Ann's College for Women
Gorantla, Guntur-34
Department of Chemistry
Bridge Course Register

Bridge Course

2022-2023

Aim:-

To give knowledge and understanding of the topics of Chemistry concepts at undergraduate level which cover the wide scope of study at Pharmacy and various Bio analytical areas and take away the fear towards the subject.

Need & Purpose of bridge Course in Chemistry:

A bridge course for newly admitted students is conducted before the commencement of the first semester classes to fill the gap in the knowledge and understanding of Chemistry b/w the basics of general Chemistry at school level and in depth study of different branches of Chemistry at undergraduate level (UG) for students of Combined programs of BBE, MBC & MPC.

Objectives:-

1. Provide solid foundation in the basic academic skills of Chemistry and extra preparation before beginning the Chemistry programs in theory & practical classes.
2. Overcome any barrier b/w the Chemistry concepts learned at intermediate and college level. Equip students with wisdom and confidence and give awareness on many job opportunities available after the study of Chemistry at UG and PG levels.

3. Give awareness on ICT tools for Dynamic learning and interactive information offered before starting the main syllabus of the course.
4. Since the college education is predominantly in English medium, the terminology is familiarised with correct pronunciation for better communication.

Modules for Bridge Course in Chemistry:

1. Module - I: Basic concepts of Inorganic Chemistry such as s, p, d & f-block elements, reactivity.
2. Module - II: Basics of organic reaction mechanisms types, reagents, Intermediates.
3. Module - III: Basics of general Chemistry such as chemical bonding its theories, Stereo Chemistry, physical chemistry topics such as solid state, solutions, colloids and colligative properties.
4. Module - IV: Brief introduction on new concepts that are covered in U&MOQ Courses and cluster papers.
5. Module - V: Laboratory safety and handling of glass ware, chemicals, conductometers, Calorimeters Instruments and heat. Explain wide scope of Chemistry subject in various fields of life.

Duration & hours per day: Ten days, 2 hours/day

Class and Group for study: 1st year BBC, MBC & MPC Students.

Designed by: 1. Mrs. B. Joyce

2. Mrs. G. Anitha Bharu

Course out comes:-

1. Learn and identify many organic reaction mechanisms including free radical substitution, electrophilic addition and electrophilic aromatic substitution.

2. Correlate and describe the stereochemical properties of organic compounds and reactions.

3. Understand the concept of qualitative analysis of inorganic mixture.

4. Use glass ware equipments and chemicals and follow experimental procedures in the laboratory.

5. Apply the concepts of common ion effect, solubility product and concepts related to qualitative analysis.

The academic syllabus is revised in 2020-21. The inorganic & physical chemistry is moved into Sem-1 and organic chemistry and general chemistry into Semester-II. Due to Covid-19 effect the academic year had started late in November and admissions are by online process. So only few members attended Organic Bridge Course classes.

Day-1, Topic-1:

Chemistry of d-block elements
Chemistry of f-block elements: Characteristics with special reference to electronic configuration, variable valence, magnetic properties, Catalytic properties and ability to form complexes. Stability of various oxidation states. Lanthanide contraction, consequences of lanthanide contraction, actinide contraction, comparison of lanthanides and actinides.

Day-2, Topic-2:

Theories of Bonding in Metals:
Valence bond theory and Electron theory - Explanation of thermal and electrical conductivity of metals based on these theories, Band theory - Explanation of conductors, semiconductors and insulators.

Day-3, Topic-3:- Solid state:

The law of symmetry. Definition of lattice point, space lattice, unit cell, crystal systems and Defects in crystals. Gaseous state: Critical phenomena. Relationship b/w Critical

Constants and vander waal's constants. Inversion temperature.

Day-4, Topic-4:

Liquid Crystals, mesomorphic state. Differences b/w liquid crystal and solid/liquid. Azeotropic Mixtures, partially miscible liquids. phenol-water system. Critical solution temperature (CST), Immiscible liquids, Nernst distribution law. Ionic equilibrium. Ionic product, Common ion effect, solubility and solubility product.

Day-5, Topic-5:-

Dilute solutions - colligative properties - RLPV, Osmotic pressure, Elevation in boiling point and depression in freezing point. Abnormal colligative properties. Van't Hoff factor.

Day-6, Topic-6:

Recapitulation of Basics of organic Chemistry, Carbon-Carbon sigma bonds. Conformational analysis of alkanes conformations, relative stability and energy diagrams. Baeyer Strain theory, Cyclohexane conformations with energy diagram.

Day-7, Topic-7:- Carbon-Carbon pi Bonds. General methods of preparation, Mechanism of E_1, E_2 reactions, Saytzeff rule, chemical properties - Electrophilic Additions, mechanism (Markownikoff

and -Anti markownikoff rules for addition reactions.

Day-8, Topic-8:-

Benzene and its reactivity, Concept of aromaticity, Huckel's rule - application of Benzenoid and Non - Benzenoid compounds. General mechanism of electrophilic aromatic substitution, Orientation of aromatic substitution - Ortho, para and meta directing groups. Ring activating and deactivating groups with examples.

Day-9, Topic-9:- Surface chemistry

Colloids - Coagulation of colloids - stability of colloids, protection of colloids, Gold number. Adsorption - physical and chemical adsorption, chemical bonding - valence bond theory, hybridization, VB Theory as applied to CF_3 , $SiCl_4$, Molecular orbital theory + LCAO method, Construction of M.O. diagrams.

Day-10, Topic-10:- HSAB - Pearson's Concept, HSAB principle & its importance, bonding in hard-hard and soft-soft combinations.

Stereochemistry of Carbon Compounds: Molecular representations - wedge, Fischer Newman and Sawhorse formulae.

Optical isomerism: Optical activity - wave nature of light, plane polarised light, optical rotation and specific rotation, chiral molecules -

definition and Criteria of Symmetry elements -
Definition of enantiomers and diastereomers -
optical isomerism with Example - Glyceraldehyde
D, L, R, S and ϵ , ζ - Configuration with examples -
Definition of racemic mixture - Resolution Techniques

Day - 11; Topic - 11:

Exam.

S.No.	Day & Date	Topic	No. of Students BBC, NBC, MPC groups	Name of faculty
01.	14/10	Chemistry of d-block elements, chemistry of f-block elements, characteristics with special reference to electronic configuration, variable valence, magnetic properties, Catalytic properties and ability to form complexes, stability of various oxidation states, lanthanide contraction, consequences of lanthanide contraction, actinide contraction, comparison of lanthanides and actinides	38	Pov
02.	15/10	Theories of bonding in Metals: valence bond theory and free electron theory - explanation of thermal and electrical conductivity of metals based on these theories, Band theory - explanation of conductors, Semiconductors and Insulators	33	Pov

03. 17/10

Solidstate: The law of Symmetry. Definition of lattice point, Space lattice, Unitcell- Crystal Systems and Defects in Crystals.
 Gaseous state: Critical phenomena. Relationship b/w Critical Constants and vander waal's Constants.
 Inversion temperature

35

Ans

04. 18/10

Liquid Crystals, mesomorphic state. Differences b/w liquid crystal and solid/liquid.
 Azeotropic Mixtures, partially miscible liquids - phenol-water system. Critical solution temperature (CST), Immiscible liquids, Nernst distribution law. Ionic equilibrium. Ionic product, Common ion effect, Solubility and Solubility product.

30

Ans

05. 19/10

Dilute solutions - Colligative properties - RVP, Osmotic pressure, Elevation in boiling point and depression in freezing point, abnormal colligative properties. Van't Hoff factor.

40

Ans

06. 20/10

Recapitulation of Basics of Organic Chemistry, Carbon-Carbon Sigma bonds (Alkanes and Cycloalkanes). Conformational analysis of alkanes conformations, relative stability and energy diagrams. Baeyer Strain theory, Cyclohexane Conformations with energy diagram.

45

B2

07. 21/10

Carbon-Carbon π Bonds (Alkenes and alkynes) General methods of preparation, Mechanism of E_1 , E_2 reactions, Saytzeff rule, Chemical properties - Electrophilic additions, mechanism (Markownikoff and Antimarkownikoff rules for addition reactions).

38

B2

08. 22/10

Benzene and its reactivity, Concept of aromaticity, Huckel's rule - applications to Benzenoid (Benzene, Naphthalene) and Non-Benzenoid Compounds. General mechanism of electrophilic aromatic substitution, Orientation of aromatic substitution.

38

B2

- | | | | |
|----------|--|---|--------------------|
| | | Ortho, para and meta directing groups. Ring activating and deactivating groups with examples. | |
| 09.25/10 | | Surface Chemistry - Colloids - Coagulation of colloids - Stability of colloids, protection of colloids, Gold Number - Adsorption - physical and chemical adsorption, Chemical Bonding - valence bond theory, hybridization VB Theory as applied to ClF_3 , $Ni(CO)_4$, Molecular orbital theory - LCAO method, Construction of M.O diagrams. | 39. Ans |
| 10.26/10 | | HSAB - Pearson's Concept, HSAB principle & its importance, bonding in hard-hard and soft-soft combinations. Stereochemistry of Carbon Compounds: Molecular representations - Wedge, Fischer, Newman and Saw-horse formulae. Optical isomerism: optical activity - wave nature of | 30. Ans |

light, plane, polarised
light, optical rotation
and specific rotation. Chiral
molecules - definition and
Criteria of symmetry
elements - Definition of
enantiomers and diastereomers
Optical isomerism with
example - Glycerinaldehyde
D, L, R, S and E, Z - Configuration
with examples. Definition
of racemic mixture -
Resolution techniques.

11. 28/10

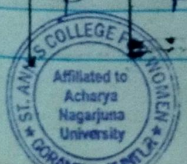
Exam.

29.

PO

	Name of the Student	Class & group	14/10	15/10	17/10	18/10
01.	B. Yaraswini	1BBC	P	P	P	A
02.	B. Ramya	1BBC	P	A	P	P
03.	Ch. Rajitha	1BBC	P	P	A	P
04.	D. Sravani	1BBC	P	P	A	P
05.	G. Divya	1BBC	A	A	P	P
06.	K. Swetha	1BBC	A	A	A	A
07.	K. Beaula	1BBC	A	P	P	P
08.	K. Pravalika	1BBC	P	A	A	P
09.	K. Sailaja	1BBC	P	P	A	A
10.	P. Sirisha	1BBC	P	P	P	P
11.	B. Mary Keerthana	1NBC	A	A	P	A
12.	G. Sushma	1NBC	P	P	A	P
13.	Anusha J	1NBC	P	A	P	P
14.	Sri Chandana K.	1NBC	P	P	A	A
15.	N. Srividya	1NBC	A	A	P	P
16.	K. Pavani	1NBC	P	P	P	P
17.	Vennela K	1NBC	P	A	P	P
18.	Mariya Kumari	1NBC	P	A	A	A
19.	G. Triveni	1NBC	P	A	A	A
20.	G. Sriveni	1NBC	A	A	P	P
21.	M. Nagalakshmi	1NBC	A	A	P	P
22.	P. Sindhuvi	1NBC	A	A	P	P
23.	P. Pravalika	1NBC	A	A	P	P
24.	Anjali	1NBC	P	P	P	P
25.	Sirisha	1NBC	A	A	A	P
26.	Sri Lakshmi Prasanna	1NBC	A	A	P	P
27.	Asha Jasmin	1NBC	P	A	P	P
28.	Alavya	1NBC	A	A	A	A
29.	U. Likhitha	1NBC	A	A	P	P
30.	A Vijay Lakshmi	1NBC	P	A	P	A

1/10	20/10	21/10	22/10	25/10	26/10
P	A	P	P	P	P
P	A	P	P	A	P
A	P	P	P	A	P
P	P	A	P	A	P
P	P	P	P	P	P
A	A	A	A	A	A
P	P	P	P	P	P
A	A	P	P	A	P
P	A	A	P	P	A
P	P	P	P	P	A
A	P	A	P	A	A
A	P	A	A	P	P
P	P	P	P	P	P
P	A	A	P	P	A
P	P	P	P	P	P
P	A	P	P	A	P
P	P	P	P	A	A
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	A	A
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	A	A
P	P	P	P	A	A
P	P	P	P	A	P
P	P	A	P	P	P



Dr. Fatima Khan
 PRINCIPAL

St. Ann's College for Women
 GORANTLA, GUNTUR-522 034

**ST.ANN'S COLLEGE FOR WOMEN
GORANTLA, GUNTUR-34**

**DEPARTMENT OF MBA
BRIDGE COURSE**

ABOUT * BRIDGE COURSES *

Bridge courses are offered to the first year students for a smooth transition from the present state of competence to a higher level of study.

These courses are designed for a duration of 2 weeks.

Syllabus
* AREAS COVERED *

- * Accounting concepts, Books of Entry, Journal, Ledger.
- * Financial Analysis - Overview
- * Business statistics, its importance, certainty, uncertainty and risk in business environment.
- * Overview in Marketing - Product, Price, Place and Promotion.
- * Economics - Definition, Micro and Macro Economics
- * International Trade - Current Trends.
- * Basis of Taxation

* Fundamentals of Business :

1. Forms of organization
2. Sole Trading
3. Partnership
4. Company.

* HRM [Human Resource management in organization]

* Awareness of conducting Management Activities
Like :

1. Role play
2. Market Makers
3. Business Man
4. Advertisements



Dr. S. Fatima Huss
PRINCIPAL

St. Ann's College for Women
GORANTLA, GUNTUR-522 034

Radhika
Head of the Department
Master of Business Administration
St. Ann's College for Women
GORANTLA, GUNTUR

FOR THE ACADEMIC YEAR
2021 - 2022

St. Ann's College for Women
2021 - 2022

Department of MBA

16 Group : IMBA / I sem

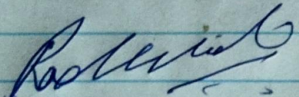
Subject

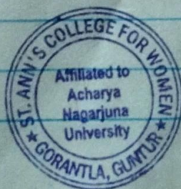
S.No	Date	Topic	Signature
1.	1/1/2022	Accounting concept's Book's of Entry, Journal Ledger.	P. C. Naveen
2.	3/1/2022	financial Analyses Over view.	P. C. Naveen
3.	4/1/2022	Business Statistic's; It's importance, certainty; in certainty and Risk in Business Environment.	G. Yashodhara
4.	5/1/2022	Over view, in Marketing; product, price, place and promotion.	Rasheeda
5.	6/1/2022	Economics - Definition micro and macro economics	G. Yashodhara
6.	7/1/2022	International Trade, current trends,	Rasheeda
7.	8/1/2022	Basis of taxation	P. C. Naveen
8.	10/1/2022	Fundamental's of Business:- 1. form's of organization 2. Sole trading 3. Partnership 4. company.	Rasheeda

S.No	Date	TOPIC	Signature
9	11/1/2022	HRM - Human Resource, Management, in organization.	@Yashodhara
10	12/1/2022	Awareness of conducting Management Activities, like:- 1. Role play 2. Market makers 3. Business man 4. Advertisements.	Rasheem

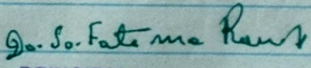
List of the student's for Bridge course for the Academic Year - 2021 - 2022.

S.No	Name	Qualification	January - 2022											
			1/1/22	3/1/22	4/1/22	5/1/22	6/1/22	7/1/22	8/1/22	10/1/22	11/1/22	12/1/22		
1	B. Venkata sravani	Bsc	X	X	X	X	X	X	X	X	X	X	X	X
2	N. Kavya	Bsc	X	X	X	X	X	X	A	X	X	X	X	X
3	T. Sireesha	Bsc	X	X	X	X	X	X	X	X	X	X	X	X
4	G. Bharathi	Bsc	X	X	A	X	X	X	X	X	X	X	X	X
5	K. Chandra Soumya	Bsc	X	X	X	X	X	X	X	X	X	X	X	X


Head of the Department
Master of Business Administration
St. Ann's College for Women
GORANTLA, GUNTUR.



18/1/22


PRINCIPAL
St. Ann's College for Women
GORANTLA, GUNTUR-522 034

St. Ann's College for Women
Gorantla, Guntur-34
Department of Biotechnology
Bridge Course

Bridge Course
Department of Biotechnology.

2020 - 2021

A Bridge course for newly admitted students is considered conducted every year before the commencement of the first semester classes.

- * A bridge course is a type of educational programmes that helps student transition from one educational level to another.
- * Bridge course typically provide students with the skills and knowledge they need to be successful in this new educational curriculum.

Objectives:

The main objectives of the course is to bridge the gap between subjects studied at pre-university level & subjects they would be studying in BSc classes.

- * To create awareness about scope of biotechnology and carrier opportunities.
- * To increase students motivation to learn Biotechnology.
- * To provide adequate foundation in the basic applied Biotechnology.

Course outcomes:

Learners will develop interest in the subjects of Biotechnology.

- * stimulating interest and curiosity in Biotechnology will increase students motivation to learn applied areas of Biotechnology.

The department of Biotechnology has initiated Bridge course to all the 1st year students to prepare the students by giving fundamentals & making the students ready to take undergraduate courses in respective subjects.

The Department has been conducted 10 days bridge course in the 2nd week of December 10th to 20th December.

Report of Bridge course.

The Bridge course for T BSc Biotechnology students was conducted by the department to familiarize the fundamentals & basis of biotechnology.

The classes were conducted to refresh the knowledge fundamentals for a period of 10 days.

All the students have taken lots of interest to participate in the Bridge course.

This course will be the best platform for the students to interact with the faculty members.

S.No	Group	Date	Topic covered
1.	BBC	10-11-2020	Nature & scope of biotechnology.
2.		11-11-2020	Definition of Biotechnology and Applications of Biotechnology in different branches.
3.		12-11-2020	Importance of biotechnology in daily life
4.		14-11-2020	Carrier opportunities in Biotechnology.
5.		15-11-2020	cell as basic unit of living organisms
6.		16-11-2020	prokaryotic cell & Eukaryotic cell structures.
7.		17-11-2020	DNA structure - Watson and Crick model.
8.		18-11-2020	Central dogma - Nucleic acids to proteins.
9.		19-11-2020	RNA structure & types
10.		20-11-2020	Transcription, Translation

No. of Students present

Faculty - Signature.

19

K. Vanaja

20

K. Vanaja

19

Sr. Margaret

18

Sr. Margaret

20

K. Vanaja

19

K. Vanaja

20

K. Vanaja

20

K. Vanaja

19

K. Vanaja

19

K. Vanaja

20.

Bridge Course

Sy Bsc. BBC - Sem - I

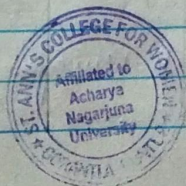
2020-2021

S.No	Name of the student	Month / Date									
		10/11	11/11	12/11	14/11	15/11	16/11	17/11	18/11	19/11	20/11
1.	A. Mounika	P	P	P	P	P	P	P	P	P	P
2.	B. Vyshnavi	P	P	P	P	P	P	P	P	P	P
3.	B. pragathi	P	P	P	P	P	P	P	P	P	P
4.	B.S. Mahalakshmi	P	P	A	P	P	P	P	P	P	P
5.	ch. Syamala	P	P	P	P	P	P	P	P	P	P
6.	ch. Ammulu	P	P	P	P	P	P	P	P	P	P
7.	G. Nithisha	P	P	P	P	P	A	P	P	P	P
8.	G. Supritha	P	P	P	P	P	P	P	P	P	P
9.	K. Akshitha	P	P	P	P	P	P	P	P	P	P
10.	K. Lekhana	P	P	P	A	P	P	P	P	P	P
11.	K. Mary Jyothi	P	P	P	P	P	P	P	P	P	P
12.	M. Guru Mallika	A	P	P	P	P	P	P	P	A	P
13.	M. Malavika bai.	P	P	P	P	P	P	P	P	P	P
14.	N. Mounika	P	P	P	P	P	P	P	P	P	P
15.	P. Akanksha	P	P	P	P	P	P	P	P	P	P
16.	R. Narya	P	P	P	P	P	P	P	P	P	P
17.	S. Jaya Deepika	P	P	P	P	P	P	P	P	P	P
18.	SK. Karimun	P	P	P	P	P	P	P	P	P	P
19.	T. Venkata lakshmi	P	P	P	A	P	P	P	P	P	A
20.	V. Sravanthi.	P	P	P	P	P	P	P	P	P	P

23-11-2020

K. Vaneja 23/11/2020

Head of Dept. of Big Technology
St. Ann's College for Women
GORANTLA, GUNTUR-522034.



Dobhatana Ramesh

PRINCIPAL

St. Ann's College for Women
GORANTLA, GUNTUR-522 034

ST. ANN'S COLLEGE FOR WOMEN
GORANTLA, GUNTUR

DEPARTMENT OF COMMERCE

BRIDGE COURSE

BRIDGE COURSE

2019 - 2020

BRIDGE COURSE

2019 - 2020

3

Bridge Course is a teaching module which helps to close the gap between two levels of competence. Accordingly bridge Courses are conducted every year commencement of the academic year to improve and orient on the subject knowledge keeping in the view of the students coming from different streams and also their communication skills.

One week Bridge Course Series for I BCom general and Computer students from 12th June 2019 to 19th June 2019 from 9.30 AM to 11 AM

Resource Persons :

Mrs. J. Prameela Rani - HOD

Mrs. G. Saroja - Lecturer

Mrs. M. Anjana Davi - Lecturer

The main objective of this Bridge Course is to enrich the students to learn basic concepts in the subjects of BCom General and Computers

The first three days Mrs. Mrs. J. Prameela Rani, HOD has taken the classes., and explained about the basic concepts of Accounts, importance of accounting, Rules of Accounting, Journal, Ledger, Subsidiary books and final accounts.

Fourth and Fifth days Mrs. G. Saroja lecturer in Commerce has taken the classes and discussed about the Basic Concepts of Business, Types, Companies, and Principles of management.

Last two days Mrs. M. Anjana, Lecturer in Department of Commerce has explained about the concepts and definitions of Economics, Demand and Supply and types of markets.

Students are also enthusiastically attended and clarified their doubts regarding the subjects.

S.NO	Date	Subject	Topic	Signal
01	12-6-2019	FA-I	Introduction of Accounting, Need of Accounting, Functions and objectives of Accounting classification of accounts.	100%
02	13-6-2019	FA-I	Principles of accounting, Accounting equation and Accounting Procedure.	Bl
03	14-6-2019	FA-I	Importance of Journal, and Preparation of Journal, Ledgers and Subsidiary Books, Importance of Final Accounts.	100%
04	15-6-2019	BOM	The Basic Concepts of Business, Types, Companies.	100%
05	17-6-2019	BOM	Principles of management.	100%
06	18-6-2019	B.EC	Concepts and definitions of Economics, Demand and Supply.	100%
07	19-6-2019	B.EC	Types of markets.	100%

Attendance of the students - Bridge Course 2019 - 2020

S.No	Name of the student	12 ⁶ / ₁₉	13 ⁶ / ₁₉	14 ⁶ / ₁₉	15 ⁶ / ₁₉	17 ⁶ / ₁₉	18 ⁶ / ₁₉	19 ⁶ / ₁₉
01	P. Teja Durga	P	P	P	P	P	P	P
02	I. Gnana Saraswathi	P	P	P	P	P	P	P
03	G. Kavya	P	P	P	A	P	P	P
04	SK. Sushoma	P	P	P	P	P	P	P
05	T. Holika	P	P	P	P	P	P	A
06	V. Dharani	A	P	P	P	P	P	P
07	M. Bujji	P	P	P	P	P	P	P

Feedback of the students about the Bridge Course

S.NO	Name of the student	Excellent	Good	Average	Signature
1	P. Teja Durga	✓			
2	I. Gnana Saraswathi			✓	
3	G. Kavya	✓			
4	SK. Sushoma		✓		
5	T. Holika		✓		
6	V. Dharani			✓	
7	M. Bujji	✓			

J. Pauls, Raw
Head of the Department of Commerce
St. Ann's College for Women
GORANTLA, GUNTUR-522 035



Dr. S. Falguni Reddy

PRINCIPAL

St. Ann's College for Women
GORANTLA, GUNTUR-522 034

ST.ANN'S COLLEGE FOR WOMEN
GORANTLA,GUNTUR.
DEPARTMENT OF STATISTICS
BRIDGE COURSE REGISTER

Bridge Course Department of Statistics

2018-2019

A Bridge course for newly admitted students is conducted every year before the commencement of the first semester classes.

- * A Bridge course is a type of educational programmes that helps student transition from one educational level to another.
- * Bridge course typically provide students with the skills and knowledge they need to be successful in this new educational curriculum.

Objectives:-

The main objectives of the course is to bridge the gap between subjects studied at pre-university level and subjects they would be studying in Degree BSc course.

- * Bridge course helps students to open up, think creatively and become responsible and Independent students.
- * To provide adequate foundation in the subject statistics limited to moderate level so that students do not face any difficulty when the classes commence.

Course Outcomes:-

Learners will develop interest in the subject of Statistics. This has to be one of the best ways of minimizing the difficulties of Academics as well as non-academics.

- * This has also provided the comfortable platform of the students to interact with their faculty members and with each other.

Bridge Course
Syllabus - 2018-2019

Unit - I: Introduction to statistics.

Introduction about statistics, Discussed the topics studied at school and Intermediate level, Relationship Between Mathematics and statistics, Role of statistics in various fields like Industry, Agriculture, Insurance etc.

Unit - II: Basic concepts of statistics.

Various Definitions of statistics, Data, Data Types, Data Collection, Characteristics of Good Questionnaire, variables and Attributes, Awareness about statistics, Role of statistics in Higher education

References:

1. Fundamentals of Mathematical Statistics

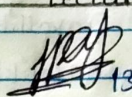
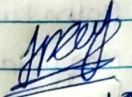
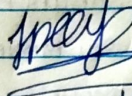
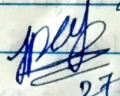
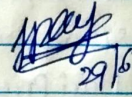
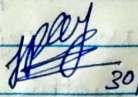
- T. S. C. Gupta, V. K. Kapoor

2. Business statistics

- B. M. Aggarwal

The Department of statistics has initiated Bridge Course to all the 1st year students to prepare the students by giving fundamentals and making the students ready to take the under graduate courses in respective subjects.

The Duration of this course is 10 hours 10 days. The students are trained in subject related Topics. The syllabus for the course is formed as:

S.No	Date	Topic Covered	Signature of the Lecturer.
1.	13-06-2018	Introduction about statistics.	 13/6/18
2.	15-06-2018	Discussed the topics studied at school and Intermediate level.	 13/6/18
3.	18-06-2018	Relationship Between Mathematics and Statistics.	 18/6/18
4.	20-06-2018	Role of statistics in various fields, like Industry, Agriculture, Insurance etc	G. Vignale 20/6/18
5.	22-06-2018	Various definitions of statistics, Data, Data types, Variables and Attributes	G. Vignale 22/6/18
6.	23-06-2018	Data collection	G. Vignale 23/6/18
7.	25-06-2018	Characteristics of Good Questionnaire	G. Vignale 25/6/18
8.	27-06-2018	Awareness about statistics	 27/6/18
9.	29-06-2018	Role of statistics in Higher education.	 29/6/18
10.	30-06-2018	Job opportunities with statistics in Government and private sectors.	 30/6/18

Bridge Course
BSc - MScs - Sem-I

2018-2019

S.No	Name of the student	Month/Date			
		13-06-2018	15-06-2018	18-06-2018	20-06-2018
01.	A. Sravani	P	P	P	P
02.	A. Pravallika	P	P	P	P
03.	A. Sri Harika	AB	P	P	P
04.	A. Ratna Kumari	AB	AB	P	P
05.	B. Naga Sudha Tejasvi	P	P	P	P
06.	B. Durga Bai	AB	AB	P	P
07.	B. Sahithi Bai	P	P	P	P
08.	B. Sai Mounika	P	P	P	P
09.	B. Mounika	P	P	P	P
10.	B. Rani Padmini Bai	AB	AB	P	P
11.	B. Sruthi	P	P	P	P
12.	B. Sangeetha	AB	P	P	P
13.	Ch. Naga Lakshmi	AB	P	P	P
14.	Ch. Sravani	P	P	P	P
15.	G. Nissi Divija	P	P	P	P
16.	G. Thema Latha	AB	P	P	P
17.	G. Divya	AB	P	P	P
18.	J. Tirumalanjali	P	P	P	P
19.	J. Anuradha	AB	P	P	P
20.	K. Jayanthi	P	P	P	P
21.	K. Kalyani	AB	P	P	P
22.	K. Thema Priyanka	P	P	P	P
23.	L. Siva parvathi	AB	P	P	P
24.	M. Hari Priya	AB	P	P	P
25.	M. Naga Tejaswini	P	P	P	P
26.	M. Jyothi	AB	P	P	P
27.	M. Kalyani	AB	P	P	P
28.	N. Kalyani	P	P	P	P
29.	N. Akhila	P	P	P	P

Month/Date

22-06-2018	23-06-2018	25-06-2018	27-06-2018	29-06-2018	30-06-2018
P	P	P	P	P	P
P	D	P	P	P	P
P	P	P	P	P	P
P	D	P	P	P	P
P	D	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
AB	AB	AB	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
AB	AB	AB	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	D	P	P	P	P
P	P	AB	P	D	AB
P	P	P	P	D	P
P	P	P	P	P	AB
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	AB
P	P	D	P	P	AB
P	P	P	P	P	P
P	P	P	P	P	P

S.No	Name of the student	Month/Date			
		13-06-2018	15-06-2018	18-06-2018	20-06-2018
30.	N. Velangini	AB	AB	P	P
31.	N. Vijayakumari	P	P	P	P
32.	N. Kavya	AB	P	P	P
33.	N. Maneesha	P	P	P	P
34.	P. Sravani	P	P	P	P
35.	P. Sirisha	AB	P	P	P
36.	P. Teja Sri	P	P	P	P
37.	P. Gneetha Krishna Sree	AB	P	P	P
38.	P. Bala Teja	P	P	P	P
39.	P. Sahithya	AB	P	P	P
40.	P. Dharani	P	P	P	P
41.	P. Kavya Priya	AB	P	P	P
42.	P. Naga Jyothi	AB	P	P	P
43.	R. Sravani Bai	P	P	P	P
44.	sk. Bajee Hamreen Jhanu	P	P	P	P
45.	S. Venkata Rukimi parvathi	P	P	P	P
46.	S. Sri Lakshmi	P	P	P	P
47.	T. Pooja	AB	P	P	P
48.	T. Maneesha Madhuri	P	P	P	P
49.	V. Jyothika	AB	P	P	P
50.	V. Sravani	AB	P	P	P
Total No. of students Present:		26	48	50	50
No. of students Absent:		24	02	00	00
		<i>[Signature]</i> 13/6/18	<i>[Signature]</i> 15/6/18	<i>[Signature]</i> 18/6/18	<i>[Signature]</i> 20/6/18

[Signature] 30/6/18
 Head of the Department
 Department of Statistics
 ST. ANN'S COLLEGE FOR WOMEN
 Gorantla, GUNTUR-522 035.

Month/Date

22-06-2018	23-06-2018	25-06-2018	27-06-2018	29-06-2018	30-06-2018
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	AB	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	AB	P	P
P	P	P	P	P	AB
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P

48	48	46	49	50	47
02	02	04	01	00	03
G. V. G. 22/6/18	G. V. G. 23/6/18	G. V. G. 25/6/18	Handwritten 27/6/18	Handwritten 29/6/18	Handwritten 30/6/18



Dr. Felina Rana
PRINCIPAL
St. Ann's College for Women
GORANTLA, GUNTUR-522 034