Date: 21/08/2023

#### **Bunts Sangha's**

## S. M. Shetty College of Science, Commerce & Management Studies, Powai Permanently

#### Affiliated to University of Mumbai

#### **Department of Data Science**

#### NOTICE

This is to inform all the students of first year BSc Data Science that the Department of Data Science is organizing a **Bridge Course on Mathematics and Statistics** for eligibility to B.Sc. Data Science Programme as per the guidelines by the University of Mumbai vide circular no. AAMS\_UGS/ICD/2022-23/99 dated 15-09-2022, Ordinance No: 6606.

The students who have not opted for Mathematics during their class 12 will have to complete the bridge course for being eligible for the admission to First Year of B.Sc. Data Science.

The Course will start from 6<sup>th</sup> September-23. The training should be for 30 hours, 2 hours session on each of the following topics followed by examination of 50 marks with 5 marks questions on each of the following topics.

Measurement of Angles	Trigonometric Functions	Trigonometric Functions of compound Angles
Linear in-equations	Determinants	Logarithms
Permutations and Combinations	Mathematical Induction	Binomial Theorem
Integration	Statistics	Probability
Sequences	Differentiation	Factorization Formulae

Course Coordinator

POWAI MUMBAI - 76.

Bunts Sangha's S. M. Shetty College of Science, Commerce & Management Studies Powai, Mumbai - 400 076.

Principal

#### **FYBSC DATA SCIENCE** MATHEMATICS AND STATASTICS BRIDGE COURSE -2023 ATTENDANCE SHEET

			AIIC	MDANCE S	TEET				
	Time->	11:10/01:10	11:10/01:10	11:10/01:12	Hilatolito	Nilotolik	11:10/01:10	1:10101:10	11:1001:10
	Topics Covered ->	Measure -ment of Angles		Trigono- metric functions Dempund angle	Factori 2ation Formulae	TOPQUA	Determants.	Logari -thms	sequence
Sr. No.	Name of the Students Date->	06-09-23	07-09-23	08-09-23	12-09-23	13-09-23	14-09-23	15-09-23	16-09-23
1	Mr. ADITYA SHETTY	Q.S.	B.E.	B.7.	85°	85/	\$5°	Q.S.	B.
2	Mr. AIL YASH DHANRAJ	yarhaif	yushust	rzysteil	yaghail	yashail	yeshal	yashal	yorhais
3	MS. CARDOZ ANGEL	Deards	Parde	Quada	-	Raby	Dardo	Mader	dys
4	Mr. CHOUDHARY SAMEER	Sameer	Some	Sames	Sancer	Sanes	Sares	Saren	Servey
5	MS. D ALMEIDA ALITA	Alita	Plita	Alta	Alita	Alita	Pleta	Alita	Alita
6	MS. HEGDE DIKSHA	Daksha	Dixsha	Dixsha	DPKSha	Diksha	Dirsha	Diksha	Doksha
7	MS. INGOLE SHALU	Aul.	Arabs.	Stalls.	Brale	Straits	Grats	Shalis	Shales
8	Mr. KANOUJIA ABHISHEK	Ahrest.	Abhise	Abrik		April	Alsha	Altho	Abhille
9	Mr. SHETTY CHIRAG	China	Chiese	Chile	Chiese	Chier	Chiles	(was	Clarke
10	MS. SHETTY SUSHMITHA	Sushmitha	Sushmith	dishnitho		Sushmit	Suhmit	Suhmit	Sylmith
11	Mr. SHETTY TANISH	Essetly	Gestetty	Bestetty	Beletty	Joseph	_	(Sexetty)	OBLLetty
12	Mr. YADAV AAKASH	Ayada	Ayadas	Ayuda	SCHOOL STORY	Ayodou	Ayaday	Ayada	Byadow
	0			A SHEET	POWAI POWAI			( all)	,

Egiram
Teacher In-Charge

#### **FYBSC DATA SCIENCE** MATHEMATICS AND STATASTICS BRIDGE COURSE -2023 ATTENDANCE SHEET

		_	INDANCE SI					
Time->	11:10/01:10	11:10/01:00	11:10/01:10	11:10/01/10	11:potolika	11:10101:10	11:10-01:10	1410/01:10
Topics Covered ->	permutations combinations	Notherna:	Binomial	Differentation	Statistis	probabi- lity	Integr -ation	Revision
Name of the Students Date->		26-09-23	27-09-23	30-09-23	03-10-23	04-10-23	05-10-23	06-10-23
Mr. ADITYA SHETTY	RS.	B.C	BS.	B.S.	as.			BS.
Mr. AIL YASH DHANRAJ	wyland	yoshail	yachazil	yoshail	yosharl	4		yashaid
MS. CARDOZ ANGEL		Deads	Oceres 1	Hards	Sease	Readis	Trais	& on De
Mr. CHOUDHARY SAMEER		Server	Some	Sur	Some	Same	Seme	Some
MS. D ALMEIDA ALITA	Alte	Alita	Alle	Alite	Alita	Alita	Alula	Alle
MS. HEGDE DIKSHA	Diksha	Diksha	Diksha	Diksha	Diksha	-	Diksha	Dirsha
MS. INGOLE SHALU	11	Stale	Spale		Arab	Shall	1	Souls
Mr. KANOUJIA ABHISHEK		April	Abolus	Alebalde	Alons	Albery	Alaha	AND
Mr. SHETTY CHIRAG	Chief	Clatha	chiase	Chine	Chasa	Own	chise	asse
MS. SHETTY SUSHMITHA		dusmith	alishmit	Polishmit	Yushmir	Dushmit	Suhmits	Suhmith
Mr. SHETTY TANISH	Bshetty	Butetty	Besterry		Befelty	Sessetty	) Askethy	Parety
Mr. YADAV AAKASH	^	Ayada	Pyaday	of schandar	Ayaglar	Ajado		Awas
	Name of the Students Date-> Mr. ADITYA SHETTY Mr. AIL YASH DHANRAJ MS. CARDOZ ANGEL Mr. CHOUDHARY SAMEER MS. D ALMEIDA ALITA MS. HEGDE DIKSHA MS. INGOLE SHALU Mr. KANOUJIA ABHISHEK Mr. SHETTY CHIRAG MS. SHETTY SUSHMITHA Mr. SHETTY TANISH	Name of the Students Date 25-09-23  Mr. ADITYA SHETTY  Mr. AIL YASH DHANRAJ  MS. CARDOZ ANGEL  Mr. CHOUDHARY SAMEER  MS. D ALMEIDA ALITA  MS. HEGDE DIKSHA  MS. INGOLE SHALU  Mr. KANOUJIA ABHISHEK  Mr. SHETTY CHIRAG  MS. SHETTY SUSHMITHA  Mr. SHETTY TANISH	Time> 11:10 to 1:10  Topics Covered -> Permutations National Strategy  Permutations National Strategy  Name of the Students Date> 25-09-23 26-09-23  Mr. ADITYA SHETTY  Mr. AIL YASH DHANRAJ  MS. CARDOZ ANGEL  Mr. CHOUDHARY SAMEER  MS. D ALMEIDA ALITA  MS. HEGDE DIKSHA  MS. INGOLE SHALU  Mr. KANOUJIA ABHISHEK  Mr. SHETTY CHIRAG  MS. SHETTY SUSHMITHA  Mr. SHETTY TANISH  DILLIO 1:10  Not	Time-> 11:10 to 1:10 11:10 to 1:10 11:10 to 1:10  Topics Covered -> Permutations Patricular Theorem  Topics Covered -> Permutations Patricular Theorem  Topics Covered -> Permutations Patricular Theorem  Theorem	Time> 11:10 to 1:10 to 1	Time> 11:10 to 1:10 to 1:1	Time> 11:10 to 1:10 11:10 to 1:10 11:10 to 1:10 11:10	Time> 11:10 to 1:10 11:1

Zgiram Teacher In-Charge

POWAL MUMBAI - 76.

# FYBSC DATA SCIENCE MATHEMATICS AND STATASTICS BRIDGE COURSE EXAMINATION-2023 ATTENDANCE SHEET

Date: 19-10-23

Time: 11 am to 1.30pm

Roll No	SR.NO.	NAME OF THE STUDENTS	SIGNATURE
39	1	Mr. ADITYA MANOHAR SHETTY	(R)
0	2	Mr. AIL YASH DHANRAJ	yarhail
04	3	MS. CARDOZ ANGEL ANTHONY	Quelos
06	4	Mr. CHOUDHARY SAMEER GOUTAM	Sance
08	5	MS. D ALMEIDA ALITA ANTHONY	Aluta
15	6	MS. HEGDE DIKSHA THIMMAYYA	Diksha
16	7	MS. INGOLE SHALU GAJANAN	Shales
19	8	Mr. KANOUJIA ABHISHEK AVADHESH	Abuther
42	9	Mr. SHETTY CHIRAG ASHOK	Chis
44	10	MS. SHETTY SUSHMITHA SATHISH	dishmitha
45	11	Mr. SHETTY TANISH BHASKAR	5B8Letty
58	12	Mr. YADAV AAKASH SURAJPRATAP	Ayadaus.

Lalram
Jr. Supervision



Gr. Supervisor.

#### **FYBSC DATA SCIENCE** MATHEMATICS AND STATASTICS BRIDGE COURSE EXAMINATION-2023 COURSE EXAM MARKS SHEET

SR.NO.	NAME OF THE STUDENTS	MARKS
1	Mr. ADITYA MANOHAR SHETTY	48
2	Mr. AIL YASH DHANRAJ	51
3	MS. CARDOZ ANGEL ANTHONY	36
4	Mr. CHOUDHARY SAMEER GOUTAM	63
5	MS. D'ALMEIDA ALITA ANTHONY	58
6	MS. HEGDE DIKSHA THIMMAYYA	66
7	MS. INGOLE SHALU GAJANAN	46
8	Mr. KANOUJIA ABHISHEK AVADHESH	39
9	Mr. SHETTY CHIRAG ASHOK	30
10	MS. SHETTY SUSHMITHA SATHISH	30
11	Mr. SHETTY TANISH BHASKAR	43
12	Mr. YADAV AAKASH SURAJPRATAP	30

Zgiram
Teacher In-charge

C OF SCIENCE POWAL MUMBAI - 76. DIES \* BUNTS

Date: 23/10/2023

#### **Bunts Sangha's**

## S. M. Shetty College of Science, Commerce & Management Studies, Powai Permanently Affiliated to University of Mumbai

#### Department of Data Science

Report on Bridge Course of Mathematics and Statistics

Date: 6th September-23 to 20th October-23

The Department of Data Science has conducted Bridge Course on Mathematics and Statistics for the learners of first year BSc Data Science from 6<sup>th</sup> September-23 to 20<sup>th</sup> October-23. The Bridge Course classes were taken by Prof. Suman Upadhyay, Prof. Namarata Dubey and Prof. Priya Giram.

This bridge course is conducted for the students of first year BSc Data Science who were not having Mathematics or Statistics in their HSC in order to fulfill the eligibility of Data Science course admission.

Total 12 Students in above case have participated in the course and after evaluation they have successfully completed the course.

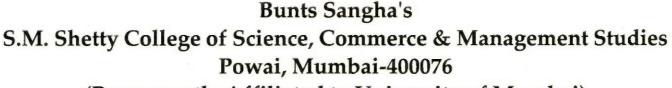
Outcome: The learners found it very helpful and were very happy with the Bridge Course Classes. Many concepts of Mathematics and Statistics got clear in lectures and this will help students to understand the content mentioned in Descriptive Statistics and Pre-calculus syllabus given by University of Mumbai.

Subject Teachers

Fairam

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(Permanently Affiliated to University of Mumbai)

NAAC Re-accredited 'A+' Grade (2<sup>nd</sup> cycle) IMC RBNQ Certificate of Merit-2019 ISO 21001:2018 Certified



#### CERTIFICATE OF COURSE COMPLETION

This is to certify that Mr. ADITYA MANOHAR SHETTY of First Year B.Sc. Data Science has successfully completed the Bridge Course on Mathematics and Statistics for eligibility to B.Sc. Data Science Programme as per the guidelines by the University of Mumbai vide circular no. AAMS\_UGS/ICD/2022-23/99 dated 15-09-2022, Ordinance No: 6606.

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ISO 21001:2018 Certified



## **CERTIFICATE OF COURSE COMPLETION**

This is to certify that Mr. YADAV AAKASH SURAJPRATAP of First Year B.Sc. Data Science has successfully completed the Bridge Course on Mathematics and Statistics for eligibility to B.Sc. Data Science Programme as per the guidelines by the University of Mumbai vide circular no. AAMS\_UGS/ICD/2022-23/99 dated 15-09-2022, Ordinance No: 6606.







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#### CERTIFICATE OF COURSE COMPLETION

This is to certify that Ms. SHETTY SUSHMITHA SATHISH of First Year B.Sc. Data Science has successfully completed the Bridge Course on Mathematics and Statistics for eligibility to B.Sc. Data Science Programme as per the guidelines by the University of Mumbai vide circular no. AAMS\_UGS/ICD/2022-23/99 dated 15-09-2022, Ordinance No: 6606.







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#### **CERTIFICATE OF COURSE COMPLETION**

This is to certify that Ms. CARDOZ ANGEL ANTHONY of First Year B.Sc. Data Science has successfully completed the Bridge Course on Mathematics and Statistics for eligibility to B.Sc. Data Science Programme as per the guidelines by the University of Mumbai vide circular no. AAMS\_UGS/ICD/2022-23/99 dated 15-09-2022, Ordinance No: 6606.







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#### **CERTIFICATE OF COURSE COMPLETION**

This is to certify that Ms. INGOLE SHALU GAJANAN of First Year B.Sc. Data Science has successfully completed the Bridge Course on Mathematics and **Statistics** for eligibility to B.Sc. Data Science Programme as per the guidelines by the University of Mumbai vide circular no. AAMS UGS/ICD/2022-23/99 dated 15-09-2022, Ordinance No: 6606.









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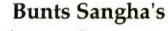


#### **CERTIFICATE OF COURSE COMPLETION**

This is to certify that Ms. D'ALMEIDA ALITA ANTHONY of First Year B.Sc. Data Science has successfully completed the Bridge Course on Mathematics and Statistics for eligibility to B.Sc. Data Science Programme as per the guidelines by the University of Mumbai vide circular no. AAMS UGS/ICD/2022-23/99 dated 15-09-2022, Ordinance No: 6606.

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## **CERTIFICATE OF COURSE COMPLETION**

This is to certify that Mr. KANOUJIA ABHISHEK AVADHESH of First Year B.Sc. Data Science has successfully completed the Bridge Course on Mathematics and Statistics for eligibility to B.Sc. Data Science Programme as per the guidelines by the University of Mumbai vide circular no. AAMS UGS/ICD/2022-23/99 dated 15-09-2022, Ordinance No: 6606.







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#### CERTIFICATE OF COURSE COMPLETION

This is to certify that Ms. HEGDE DIKSHA THIMMAYYA of First Year B.Sc. Data Science has successfully completed the Bridge Course on Mathematics and Statistics for eligibility to B.Sc. Data Science Programme as per the guidelines by the University of Mumbai vide circular no. AAMS\_UGS/ICD/2022-23/99 dated 15-09-2022, Ordinance No: 6606.









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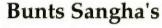


## **CERTIFICATE OF COURSE COMPLETION**

This is to certify that Mr. SHETTY CHIRAG ASHOK of First Year B.Sc. Data Science has successfully completed the Bridge Course on Mathematics and Statistics for eligibility to B.Sc. Data Science Programme as per the guidelines by the University of Mumbai vide circular no. AAMS\_UGS/ICD/2022-23/99 dated 15-09-2022, Ordinance No: 6606.







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## **CERTIFICATE OF COURSE COMPLETION**

This is to certify that Mr. AIL YASH DHANRAJ of First Year B.Sc. Data Science has successfully completed the Bridge Course on Mathematics and Statistics for eligibility to B.Sc. Data Science Programme as per the guidelines by the University of Mumbai vide circular no. AAMS\_UGS/ICD/2022-23/99 dated 15-09-2022, Ordinance No: 6606.







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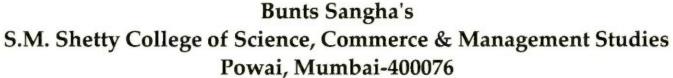


## **CERTIFICATE OF COURSE COMPLETION**

This is to certify that Mr. CHOUDHARY SAMEER GOUTAM of First Year B.Sc. Data Science has successfully completed the Bridge Course on Mathematics and Statistics for eligibility to B.Sc. Data Science Programme as per the guidelines by the University of Mumbai vide circular no. AAMS UGS/ICD/2022-23/99 dated 15-09-2022, Ordinance No: 6606.







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## **CERTIFICATE OF COURSE COMPLETION**

This is to certify that Mr. SHETTY TANISH BHASKAR of First Year B.Sc. Data Science has successfully completed the Bridge Course on Mathematics and Statistics for eligibility to B.Sc. Data Science Programme as per the guidelines by the University of Mumbai vide circular no. AAMS\_UGS/ICD/2022-23/99 dated 15-09-2022, Ordinance No: 6606.



