



গড়গাঁও মহাবিদ্যালয়
GARGAON COLLEGE

**USE OF ICT-ENABLED TOOLS
BY TEACHERS FOR EFFECTIVE
TEACHING-LEARNING
PROCESS
(2020-21)**

**Department of Statistics
Gargaon College**

OVERVIEW

ICT enabled tools are used by the faculty members of the Department of Statistics.

- **Power Point Presentation and other resources.**
- **Google classroom**
- **Zoom/Google Meet/ Cisco Webex**
- **WhatsApp Groups**
- **E-Shiksha: An E-Learning Platform for The Students of Gargaon College, a platform for e-learning exclusively for the students.**

LINK OF THE DEPARTMENTAL PAGE OF E-SHIKSHA PORTAL

<https://gargaoncollege.ac.in/eshiksha/statistics/>


Ms. Bornali Dutta
Assistant Professor

Date	Semester	Title of the topic	Tools Used
01-06-2021/9AM	2 nd (Hons):STAT-C-202	Definition of matrices	Google Classroom Google Meet
01-06-2021/10AM	4 th (Hons):STAT-C-401	Estimation	Google Meet
01-06-2021/3PM	6 th (Major):STSM-601	Linear model	Google Meet
01-06-2021/4PM	4 th (GE):GE-04	Sampling distribution	Google Meet
02-06-2021/9AM	2 nd (Hons):STAT-C-202	Symmetric matrix	Google Meet
02-06-2021/10AM	4 th (Hons):STAT-C-401	unbiasedness	Google Meet
02-06-2021/3PM	6 th (Major):STSM-601	Size and shape of a plot	Google Meet
02-06-2021/4PM	4 th (GE):GE-04	Two types of error	Google Meet
03-06-2021/9AM	2 nd (Hons):STAT-C-202	Idempotent matrix	Google Meet
03-06-2021/10AM	4 th (Hons):STAT-C-401	Sufficiency	Google Meet
03-06-2021/3PM	6 th (Major):STSM-601	Fixed Effect Model	Google Meet
03-06-2021/4PM	4 th (GE):GE-04	Categorical data	Google Meet
04-06-2021/9AM	2 nd (Hons):STAT-C-202	Hermitian matrix	Google Meet
04-06-2021/10AM	4 th (Hons):STAT-C-401	Consistency	Google Meet
04-06-2021/3PM	6 th (Major):STSM-601	Gauss Markov Theorem	Google Meet
7-06-2021/9AM	2 nd Sem (Hons):STAT-C-202	Trace of a matrix	Google Meet
7-06-2021/10AM	4 th Sem (Hons):STAT-C-401	MVUE	Google Meet
7/6/2021/3pm	6 th Sem(Major)-STSM-601	Basic concept of design of Experiments	Google Meet
8-06-2021/9am	2 nd Sem(Hons):STAT-C-202	Unitary matrix	Google Meet
8-06-2021/10am	4 th Sem(Hons):STAT-C-401	Rao-Blackwell theorem	Google Meet
08-06-2021/3PM	6 th Sem(Major):STSM-601	Basic principles of design of experiments	Google Meet
09-06-2021/9am	2 nd Sem(Hons):STAT-C-202	Theory of equations	Google Meet
09-06-2021/10am	6 th Sem(Major):STSM-601	CRD	Google Meet
09-06-2021/3PM	4 th Sem(Hons):STAT-C-401	Cramer Rao inequality	Google Meet
09-06-2021/4PM	4 th Sem(GE):GE-04	Goodness of fit test	Google Meet

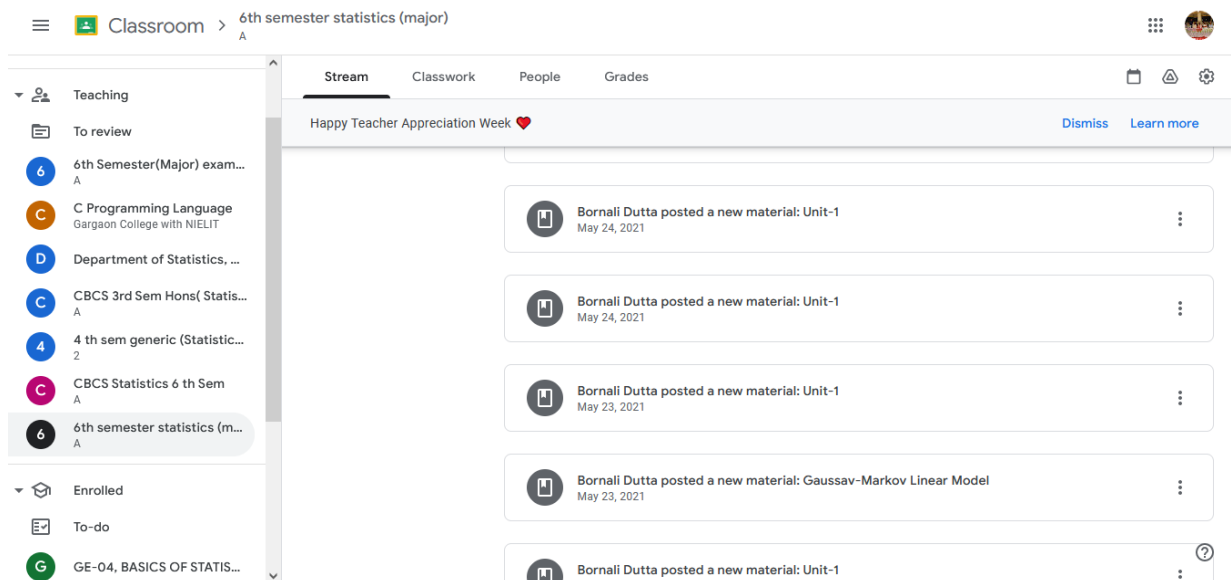


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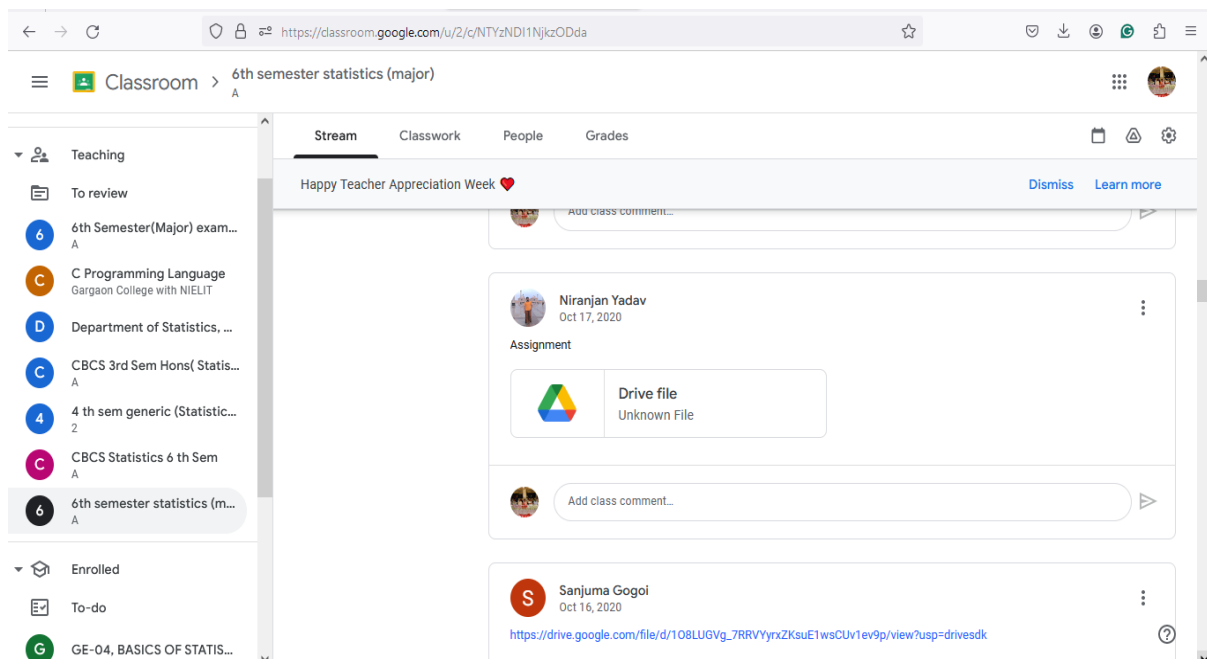
10-06-2021/10am	2 nd Sem(Hons):STAT-C-202	Polynomial equations	Google Meet
10-06-2021/3PM	4 th Sem(Hons):STAT-C-401	Method of moments	Google Meet
10-06-2021/4PM	4 th Sem(GE):GE-04	ANOVA	Google Meet
12-06-2021/9am	2 nd Sem(Hons):STAT-C-202	Rank of a matrix	Google Meet
12-06-2021/10am	4 th Sem(Hons):STAT-C-401	Level of significance	Google Meet
14-06-2021/9am	2 nd Sem(Hons):STAT-C-202	Skew symmetric determinants	Google Meet
14-06-2021/10am	4 th Sem(Hons):STAT-C-401	Most powerful test	Google Meet
14-06-2021/4pm	6 th Sem(Major):STSM-601	RBD	Google Meet
15-06-2021/9am	2 nd Sem(Hons):STAT-C-202	Rank of a matrix	Google Meet
15-06-2021/10am	4 th Sem(Hons):STAT-C-401	Likelihood ratio test	Google Meet
18-06-2021/9am	6 th Sem(Major):STSM-601	LSD	Google Meet
18-06-2021/10am	4 th Sem(Hons):STAT-C-401	MLE	Google Meet
18-06-2021/3PM	2 nd Sem(Hons):STAT-C-202	Row rank	Google Meet
19-06-2021/9am	6 th Sem(Major):STSM-601	Estimation of missing value in RBD	Google Meet
19-06-2021/10AM	4 th Sem(Hons):STAT-C-401	Minimum chi-square method	Google Meet
20-06-2021/3pm	2 nd Sem(Hons):STAT-C-202	Characteristic roots	Google Meet
21-06-2021/3pm	2 nd Sem(Hons):STAT-C-202	Characteristic vectors	Google Meet
30-06-2021/9am	4 th sem(Hons):STAT-C-401	Bayes Estimators	Google Meet
30-06-2021/10am	6 th Sem(Major):STSM-601	Efficiency of RBD Over CRD	Google Meet


(Dr. Ranjana Gopi)
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SCREENSHOT OF USING ICT-ENABLED TOOLS DURING THIS SESSION



The screenshot shows the Google Classroom interface for the course "6th semester statistics (major)". The left sidebar lists the course and other related courses. The main area displays the "Stream" tab, which includes a "Happy Teacher Appreciation Week" announcement and a list of materials posted by Bornali Dutta on May 23 and 24, 2021. The materials include "Unit-1" and "Gaussav-Markov Linear Model".



The screenshot shows the Google Classroom interface for the course "6th semester statistics (major)". The left sidebar lists the course and other related courses. The main area displays the "Stream" tab, which includes an announcement for "Happy Teacher Appreciation Week" and an assignment posted by Niranjan Yadav on October 17, 2020. The assignment is titled "Assignment" and includes a "Drive file" link to a Google Drive folder. Below the assignment, there is a comment box and a comment by Sanjuma Gogoi on October 16, 2020, linking to a Google Drive file.

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SAMPLE STUDY MATERIAL

- ❖ https://youtu.be/bv_pWtsVu50
- ❖ <https://youtu.be/DiAozyVQ8jM>
- ❖ <https://youtu.be/GRX53qWrakg>
- ❖ <https://youtu.be/CR4DdiiMcYs>
- ❖ <https://youtu.be/rtk8G8bidP4>

Statistics

Home > Statistics

6th Semester

Paper 601: Design of Experiments

Unit-1

- Linear Models (Class) [Ms Bernali Dutta] https://youtu.be/bv_pWtsVu50
- Linear Models (Material) [Ms Bernali Dutta] <https://cutt.ly/ubNwa12>
- GaussMarkov linear model(Class)[Ms Bernali Dutta] <https://youtu.be/DiAozyVQ8jM>
- Gauss Markov linear model(Material) [Ms Bernali Dutta] <https://cutt.ly/1bNwnvP>
- Analysis of variance (Class) [Ms Bernali Dutta] <https://youtu.be/GRX53qWrakg>
- Analysis of variance (Material) [Ms Bernali Dutta] <https://cutt.ly/JbNw4rS>
- Analysis of Variance: One-way Classification (Class) [Ms Bernali Dutta] <https://youtu.be/CR4DdiiMcYs>
- Analysis of Variance: One-way Classification (Material) [Ms Bernali Dutta] <https://cutt.ly/YbNeSKI>
- Analysis of variance Two-way classification (Class) [Ms Bernali Dutta] <https://youtu.be/rtk8G8bidP4>
- Analysis of variance Two-way classification (Material) [Ms Bernali Dutta] <https://cutt.ly/5b1Q6Es>

Unit-2:

- Basic concept of design of experiments(Class) [Ms Bernali Dutta]: <https://youtu.be/d3ft0zKysw>
- Basic concept of design of experiments(Material) [Ms Bernali Dutta]: <https://bit.ly/3qdbOR5>
- Basic principles of design of experiments(Class) [Ms Bernali Dutta] <https://youtu.be/xvq-VsZHPJE>
- Basic principles of design of experiments(Material) [Ms Bernali Dutta] <https://cutt.ly/AbNryVI>
- Completely Randomised Design(Class) [Ms Bernali Dutta]: https://youtu.be/RzQU7aza_r8

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Linear estimation - YouTube

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Linear estimation

BORNALI DUTTA

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B.SC 6TH SEMESTER (MAJOR)

LECTURE-1

LINEAR MODELS

PAPER CODE: STSM- 601

UNIT-1

PAPER: DESIGN OF EXPERIMENT

DATE: 01-05-2021

PRESENTED BY


BORNALI DUTTA

ASSISTANT PROFESSOR

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SAMPLE TEACHERS DIARY



MONTHLY ONLINE CLASS RECORD
GARGAON COLLEGE, SIMALUGURI-785686, SIVASAGAR, ASSAM
SESSION- 2021-2022
EVEN SEMESTER


Name of the Teacher: **Ms Bornali Dutta**

Total Number of Video to E-Shiksha Website: 08

Department: **Statistics**

Month: **June**

Date	Semester	Number of Student Present	Number of Student Absent	Class Link
01-06-2021/9AM	2 nd (Hons):STAT-C-202	01	02	https://meet.google.com/yom-snqq-hjr
01-06-2021/10AM	4 th (Hons):STAT-C-401	03	02	https://meet.google.com/yom-snqq-hjr
01-06-2021/3PM	6 th (Major):STSM-601	10	02	https://meet.google.com/bob-oiph-myo
01-06-2021/4PM	4 th (GE):GE-04	03	09	https://meet.google.com/bob-oiph-myo
02-06-2021/9AM	2 nd (Hons):STAT-C-202	01	02	https://meet.google.com/zck-rqud-jba
02-06-2021/10AM	4 th (Hons):STAT-C-401	04	01	https://meet.google.com/zck-rqud-jba
02-06-2021/3PM	6 th (Major):STSM-601	11	01	https://meet.google.com/opq-sety-ump
02-06-2021/4PM	4 th (GE):GE-04	03	09	https://meet.google.com/opq-sety-ump
03-06-2021/9AM	2 nd (Hons):STAT-C-202	01	02	https://meet.google.com/ygp-dywo-vfq
03-06-2021/10AM	4 th (Hons):STAT-C-401	04	01	https://meet.google.com/ygp-dywo-vfq
03-06-2021/3PM	6 th (Major):STSM-601	10	02	https://meet.google.com/iaa-dkkw-cjt


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