



গড়গাঁও মহাবিদ্যালয়
GARGAON COLLEGE

Add on Course

Data Analysis using SPSS

About the course: Gargaon College, Sivasagar Assam, has specially designed certificate course in Data analysis using SPSS for the undergraduate students of any stream. In this course the candidates shall undergo hands on training in SPSS software. The course is of 30 hours duration.

Objectives:

1. To expose the participants towards simple and exhaustive ways of data analysis through interactive and practice based sessions along with theoretical learning.
2. Provide hands –on experience of the models and statistical tools used for conducting research in different subjects.

Approved letter:



OFFICE OF THE REGISTRAR :: DIBRUGARH UNIVERSITY :: DIBRUGARH
 Ref. No. DU/DR-A/6-1/22/ 105 Date: 25.01.2022

NOTIFICATION

Under Report to the Under Graduate Board and Academic Council, Dibrugarh University, the Hon'ble Vice Chancellor, Dibrugarh University is pleased to approve the following subjects as Add-on Courses to be offered by Gargaon College, Sivasagar, Assam w.e.f. the Academic Session 2021-2022.

Sl. No	Title of the Add-on Courses	Duration	Department
1	Mushroom Cultivation	30 Hours	Botany
2	Entrepreneurship & Small Business Management	30 Hours	Commerce
3	Accounting for Micro and Small Business Management	30 Hours	Commerce
4	Business Communication and Project Report	30 Hours	Commerce
5	Human Resource Management for Business/NGOs	30 Hours	Commerce
6	Creative Writing in English	30 Hours	English
7	Geo-informatics	30 Hours	Geography
8	Techniques of Teaching	30 Hours	Education
9	Water purification	30 Hours	Geology
10	Vermicompost	30 Hours	Zoology
11	Data Analysis using SPSS	30 Hours	Statistics
12	Report Writing in Social Sciences	30 Hours	Economics
13	Green Tea Processing and Marketing	30 Hours	Economics
14	Computational Chemistry	30 Hours	Chemistry
15	Computer Hardware & Networking	30 Hours	IQAC
16	Electrical Instrumentation	30 Hours	Physics
17	Aquaculture	30 Hours	Zoology
18	Plant Tissue Culture	30 Hours	Botany
19	Human Rights and Contemporary Issues	30 Hours	Political Science
20	Library and Information Science	30 Hours	Library
21	Introduction to MATLAB	30 Hours	Mathematics
22	Introduction to various branches of Mathematics	30 Hours	Mathematics
23	সৃষ্টিশীল লেখন	৩০ ঘণ্টা	অসমীয়া

Issued with due approval.

(Signature)
 (Dr. B.C. Borah)
 Joint Registrar (Academic)
 Dibrugarh University

Copy to:

1. The Hon'ble Vice Chancellor i/c, Dibrugarh University for favour of information.
2. The Deans, Dibrugarh University, for favour of information.

Scanned with CamScanner


3. The Registrar, Dibrugarh University, for information.
4. The Controller of Examinations, Dibrugarh University, for favour of information.
5. The Inspector of Colleges i/c, Dibrugarh University, for information.
6. The Principal, Gargaon College, Simaluguri, Sivasagar, Assam for information.
7. The Joint Controller of Examinations "C", Dibrugarh University, for information.
8. The Deputy Controller of Examinations "A" & "B" i/c, Dibrugarh University, for information.
9. The Academic Officer, Dibrugarh University, for information and needful.
10. The Programmer, Dibrugarh University for kind information and with a request to upload the Notification in the University website.
11. File.

(Signature)
 (Dr. B.C. Borah)
 Joint Registrar (Academic)
 Dibrugarh University

Joint Registrar (Academic)
 Dibrugarh University
 Dibrugarh

Brochure of the Programme:

Department of Statistics



**Gargaon College, Simaluguri,
Sivasagar**

Presents

**Add on Course
Data Analysis Using SPSS**


**Approved by
Dibrugarh University**

For more details contact
Ms Bornali Dutta
Course Coordinator
Department of Statistics
Mobile: 8876261741
E-mail: gcsps22@gmail.com

ABOUT THE COURSE

Gargaon College has specially designed certificate course in Data analysis using SPSS for undergraduate and post graduate students of any stream.

SPSS is a software program used for quantitative analysis of complex data. Basic knowledge of SPSS is vital for all users before they proceed to surveys and data analysis.



Course duration : 4months (30 hours)
Course offering mode : Blended

Intake capacity : 20 seats

Course Fee : 250
Tentative date : August, 2022

OBJECTIVE

To expose the students towards simple and exhaustive ways of data analysis through interactive and practice based sessions along with theoretical learning

THEMATICS

- Basic introduction to SPSS
- Graphical representation using SPSS
- Statistical computation using SPSS

Expected Course outcomes

- Use the advanced features of SPSS to assist them in their research endeavors.
- Effectively analyze and present their data and research outcomes.

Syllabus link :
<https://cutt.ly/cOHoPNe>

Syllabus:

Detailed Syllabus for the course

Total Marks: 50, Theory: 40 IA: 10 Credit: 2 Hours: 30

CONTENT

Unit-1: Basic introduction to SPSS: Download and installation of SPSS, Basic introduction to SPSS Window, Creating data base in SPSS and entering data, modifying data file, import data from excel to SPSS.

Unit-2: Graphical representation : Frequency distribution and graphical representation of data(histograms, box plot, stem-leaf, frequency polygon, pie chart, ogives), generate automated reports giving detailed descriptive statistics, Fitting of polynomials and exponential curves, application problem based on fitting of suitable distribution, Normal probability plot,

Unit-3: Computation: Correlation: Pearson product moment correlation, spearman rank correlation, partial correlation, simple linear regression, multiple linear regression, one sample and two sample t test, paired sample t test, one way ANOVA, two way ANOVA, Multivariate ANOVA, Analysis of covariance, independent chi-square test.

Recommended books :

1. Data analysis using SPSS : Lokesh Jasari, SAGE publication.
2. Discovering Statistics using IBM SPSS Statistics : Andy Field , SAGE publication.

Student List:

Name of the students	Department
ANINDITA BORUAH	ECONOMICS
BARBIE BORGOHAIN	ECONOMICS
RANI BORA	ECONOMICS
LISBON DUTTA	ECONOMICS
PRIYAM BORUAH	ECONOMICS
ANKITA GOGOI	ECONOMICS
MRIGANKA MOHAN BORAH	ECONOMICS
SAHID ALI AHMED	ECONOMICS
TANAYA PHUKAN	ECONOMICS
HIRONJYOTI SAIKIA	ECONOMICS
ARUP PHUKAN	ECONOMICS
NIRBAN NIBIR GOGOI	ECONOMICS
DIKSHITA GOGOI	ECONOMICS
BIDISHA GOGOI	ECONOMICS
PRANJIT GOGOI	EDUCATION
MOUSOM GOGOI	EDUCATION
PRIYADARSHINI GOGOI	EDUCATION
ADHIRAJ BORGOHAIN	EDUCATION
TWINKLE CHETIA	GEOGRAPHY
SIMPY KAYASTHA	GEOGRAPHY
GAYATRI BORAH	GEOGRAPHY
KABYASHREE GOGOI	GEOGRAPHY
MONJIT SHEEL	GEOGRAPHY
HIMANSHU GOGOI	GEOGRAPHY
HIMADRI MOHAN	MATHEMATICS
RITUPORNA CHETIA	MATHEMATICS
BIDYUT GOGOI	MATHEMATICS
IRFAN ROHMAN	MATHEMATICS
PROTOYJIT DEVSHARMA	MATHEMATICS
BISHWA BURAGOHAIN	MATHEMATICS
RUPAM HANDIQUE	MATHEMATICS
SAMIR AHMED	MATHEMATICS
RAJA GHATUWAR	MATHEMATICS
PRANJIT GOGOI	MATHEMATICS
AMAN SENSUA BARUAH	PHYSICS
ANKUR PRATIM BORAH	PHYSICS
ANKITA BORAH	PHYSICS
PORAG JYOTI BORAH	PHYSICS
BHARGAV JYOTI BORGOHAIN	PHYSICS
HIMADRI ARANDHARA	PHYSICS
MOUSUM GOGOI	PHYSICS
AMAR JYOTI CHETIA	PHYSICS
ABHIJIT GHATOWAR	PHYSICS

Study material sample:

This screenshot shows a Google Classroom interface. The breadcrumb navigation at the top reads 'Classroom > Data analysis using SPSS'. The left sidebar contains navigation options: Home, Calendar, Teaching, To review, Data analysis using SPSS (highlighted), Archived classes, and Settings. The main content area displays a class titled 'class-2' by 'bornali dutta' on 'Sep 18, 2022'. A PDF document titled 'class-2.pdf' is attached. Below the document is a 'Class comments' section with an 'Add class comment...' input field.

This screenshot shows another Google Classroom page. The breadcrumb navigation is 'Classroom > Data analysis using SPSS'. The left sidebar is identical to the previous screenshot. The main content area displays a class titled 'CLASS NOTE-1' by 'bornali dutta' on 'Sep 18, 2022'. A PDF document titled 'CLASS-1.pdf' is attached. Below the document is a 'Class comments' section with an 'Add class comment...' input field.

This screenshot shows a PDF viewer window with the title 'CLASS-1.pdf'. The document content is as follows:

content

- Basic introduction to SPSS,
- Data view and variable view in SPSS,
- Data types in SPSS- Scaling : Nominal, Ordinal, interval and ratio.
- Creating data base in SPSS,
- Data entry in SPSS (Primary and secondary data),
- Preparing variable view from a questionnaire having a mix of categorical , numerical, string variables and date variables.

The PDF viewer interface includes a left sidebar with various tools like 'Export a PDF', 'Edit a PDF', 'Create a PDF', etc., and a right sidebar with navigation controls. The Windows taskbar at the bottom shows the time as 9:38 PM on 29-Sep-23.

