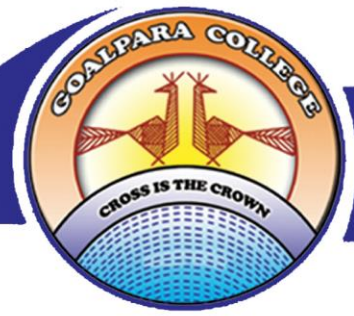


OFFICE OF THE PRINCIPAL
GOALPARA COLLEGE, GOALPARA



An ISO 9001:2015 Certified Institution

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The College is covered under Section 2(f) and 12(B) of the UGC Act, 1956

P.O. : Goalpara, Dist. : Goalpara, (Assam) Pin : 783101

Dr. Subhash Barman, M.A. Ph.D
Principal & Secretary
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Phone No : 03663-240046
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No : GC/

Date :

**Add on Certificate Course on
SPSS (Statistical Package for Social Sciences)
Organized by: Department of Statistics
Goalpara College
From 10/12/2021 to 21/12/2021**

Summary of the certificate Course

SPSS (Statistical Package for Social Sciences) is a software package used for the analysis of statistical data. SPSS provides data analysis for descriptive and bivariate statistics, numerical outcome predictions and predictikns for identifying groups. This software also provides data transformation, graphing and provides pictorial display of the data. With the help of SPSS we can work on

- (1) Regression analysis
- (2) ANOVA
- (3) Non Parameteic Test
- (4) t - test, Chi- square test etc.

Our department arranged and Add on course for the students in our college. The course was supervised by Mr. Priom Seal, a research Scholar, GU and an alumni of our college. The course was organized for 10 days from 10/12/2021 to 21/12/2021. Participated students received certificate after conducting a test. Participated students got some basic ideas using SPSS and definitely would help the students in future academic life.

Course Objectives

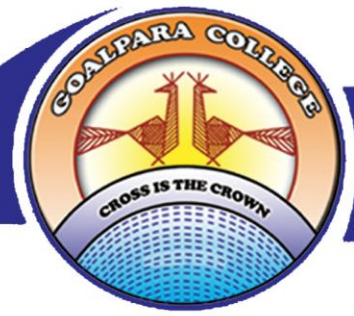
This course is designed to prepare students with transferable skills, to understand the uses of SPSS, as a tool to sum up and aid in the interpretation of research findings. SPSS is commonly used in social sciences and in business world, so familiarity with program should serve students we'll in future.

Course Outcome

On completion this course students will

- (1) be comfortable using SPSS as a data analysis tool.
- (2) understand how to work with SPSS.

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(3) be able to understand and interpret charts.

(4) understand how to learn to use new features of SPSS on their own.

Day wise Course Layout

Day 1. Introduction to SPSS

Day 2. Types of Data

Day 3. Understanding the interface and managing Data files.

Day 4. Graphical and pictorial representation

Day 5. Basic Data Analysis and Goodness of fit test (chi- square goodness of fit, kolmogorov goodness of fit)

Day 6. Chi Square test for independence and one sample t-test.

Day 7. Independence of two samples t-test and paired t-test.

Day 8. Analysis of variance (ANOVA) (one way and two way).

Day 9. Logistic regression and Non- parametric tests.

Day 10. Valedictory

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Some Glimpses from the course



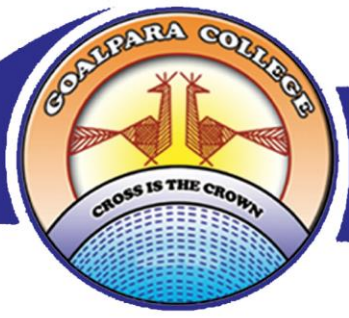
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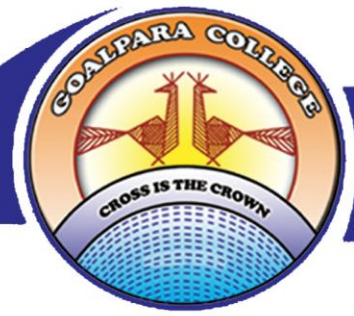
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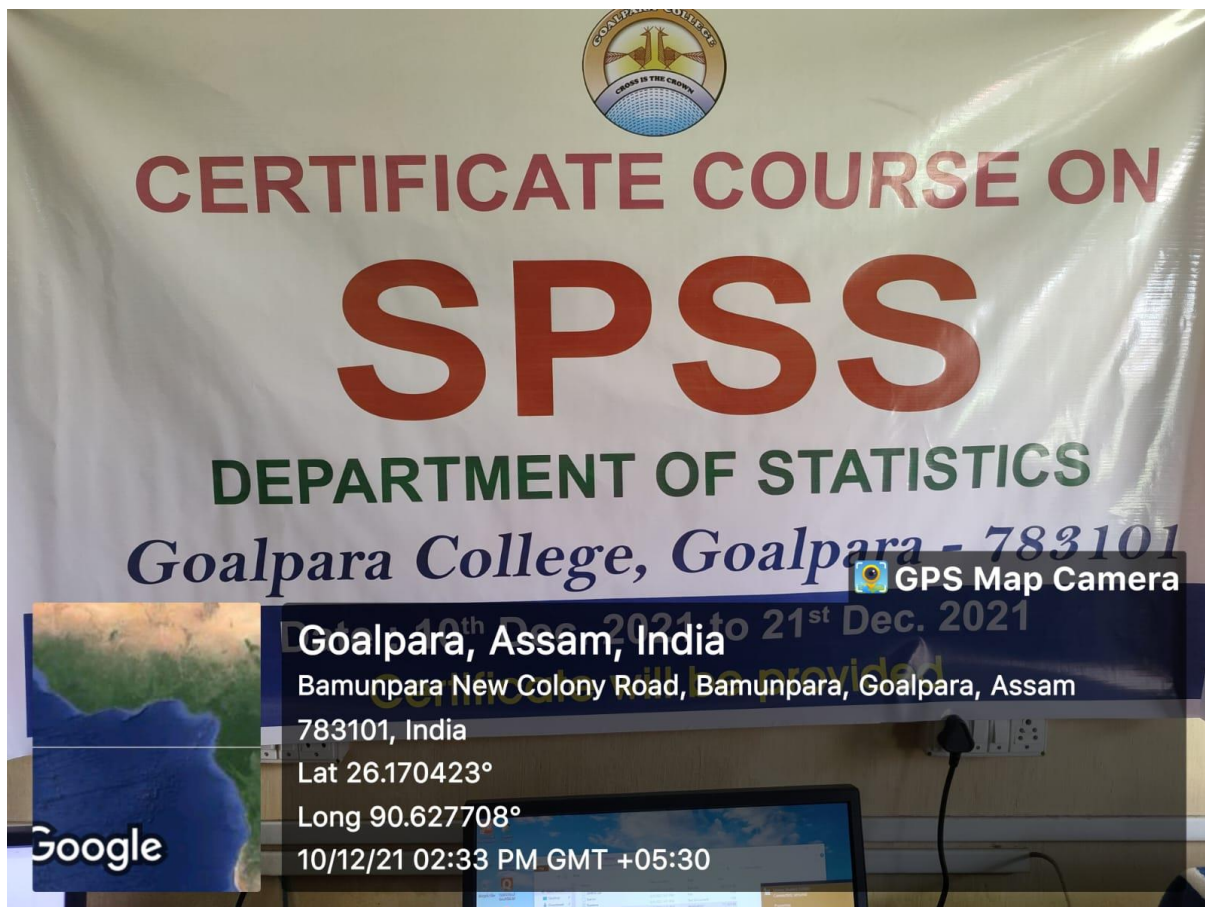
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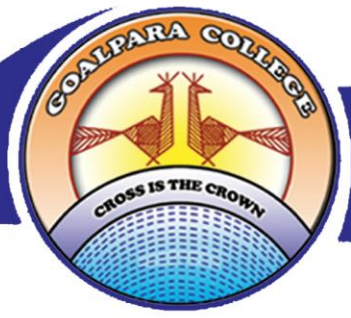
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Banner of the Course





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Certificate of the Course

GOALPARA COLLEGE
____ Goalpara ____

Organised by
Department of Statistics
Goalpara College, Goalpara, Assam

**CERTIFICATE
OF PARTICIPATION**

This is to certify that

Mr / Ms of
..... Participated

and successfully completed the 30 hours certificate course named "certificate course on SPSS" held from 10th December to 21st December, 2021 organised by Department of Statistics, Goalpara College.

(Dr. Subhash Barman) (Mr. Dhruvajyoti Das) (Mrs. Aparna Choudhury) (Priom Seal)
Principal HOD Course Coordinator Course Supervisor
Goalpara College Department of Statistics