Department of Mathematics
Gargaon College
Simaluguri-785686, Sivasagar, Assam
E-mail:mathgargaon@gmail.com

ADD-ON COURESE: A SUMMARY OF REPORT (2022-2023)

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1. Objectives of the Course

After completing the course:

a). The students acquire knowledge on the basics of MATLAB.

b). The students will be able to do basic programming and calculations of mathematics using MATLAB.

c). It can be treated as the prerequisite to the practical course of graduate-level students.

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2. Details of the Course

Name of the course	Introduction to Matlab
Course Code	MAT-01
Course Content	UNIT-I: : Introduction to MATLAB : Working with number such as addition, subtraction, multiplication etc., simple plots, creating and executing a function file, working with array and matrix, working with anonymous function, importing and exporting data.
	UNIT-II: Computation: Working with Matrices, Vectors and Array operations such as Arithmetic, Relational and Logical operation etc. Introduction to elementary Math functions, solution of Algebraic equation, simultaneous Linear Equations.
	UNIT-III: Graphics : 2D and 3D plotting in details, use of subplot for Multiple Graphs, saving and printing of graphs. MATLAB build in function, and basic application of build in functions.
	UNIT-IV: Practical.

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3. Name of the students Enrolled:

Sl No	Name	Sl No	Name
1	Akash Kusum Duwarah	11	Pranjit Gogoi
2	Amlan Buragohain	12	Protoyjit Devshamra
3	Bhargov jyoti Gogoi	13	Raj Konwar
4	Bishnu Saikia	14	Raja Ghatuwar
5	Bidyut Gogoi	15	Soloni Bordoloi
6	Biswa Buragohain	16	Subhangi Boruah
7	Imei Phom	17	Himadri Mohan
8	Irfan Rohman	18	Himashree Hazarika
9	Manab Phukon	19	Ritupan Chetia
10	Partha Protim Gogoi	20	Rupam handique

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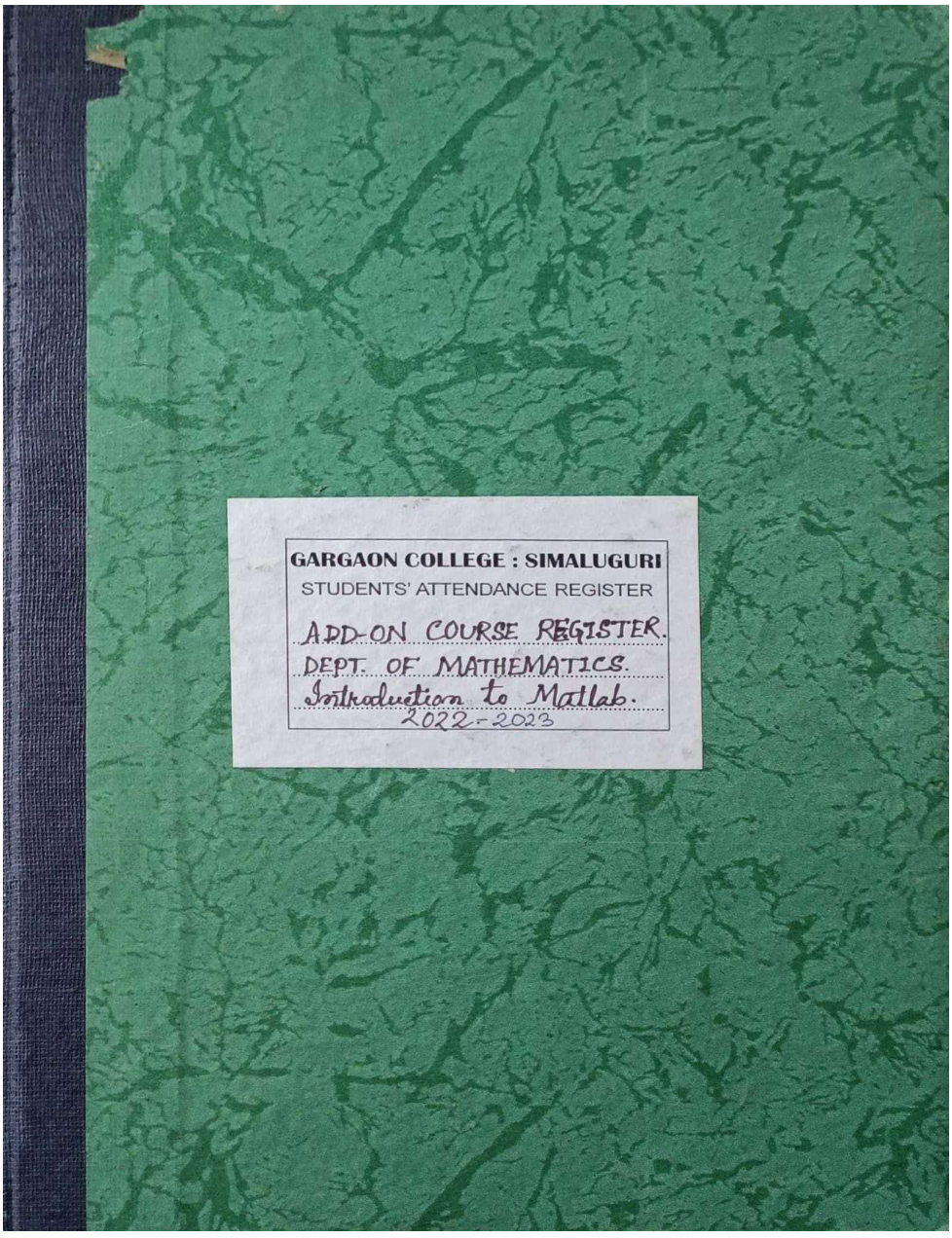
4. Attendance Sheets:



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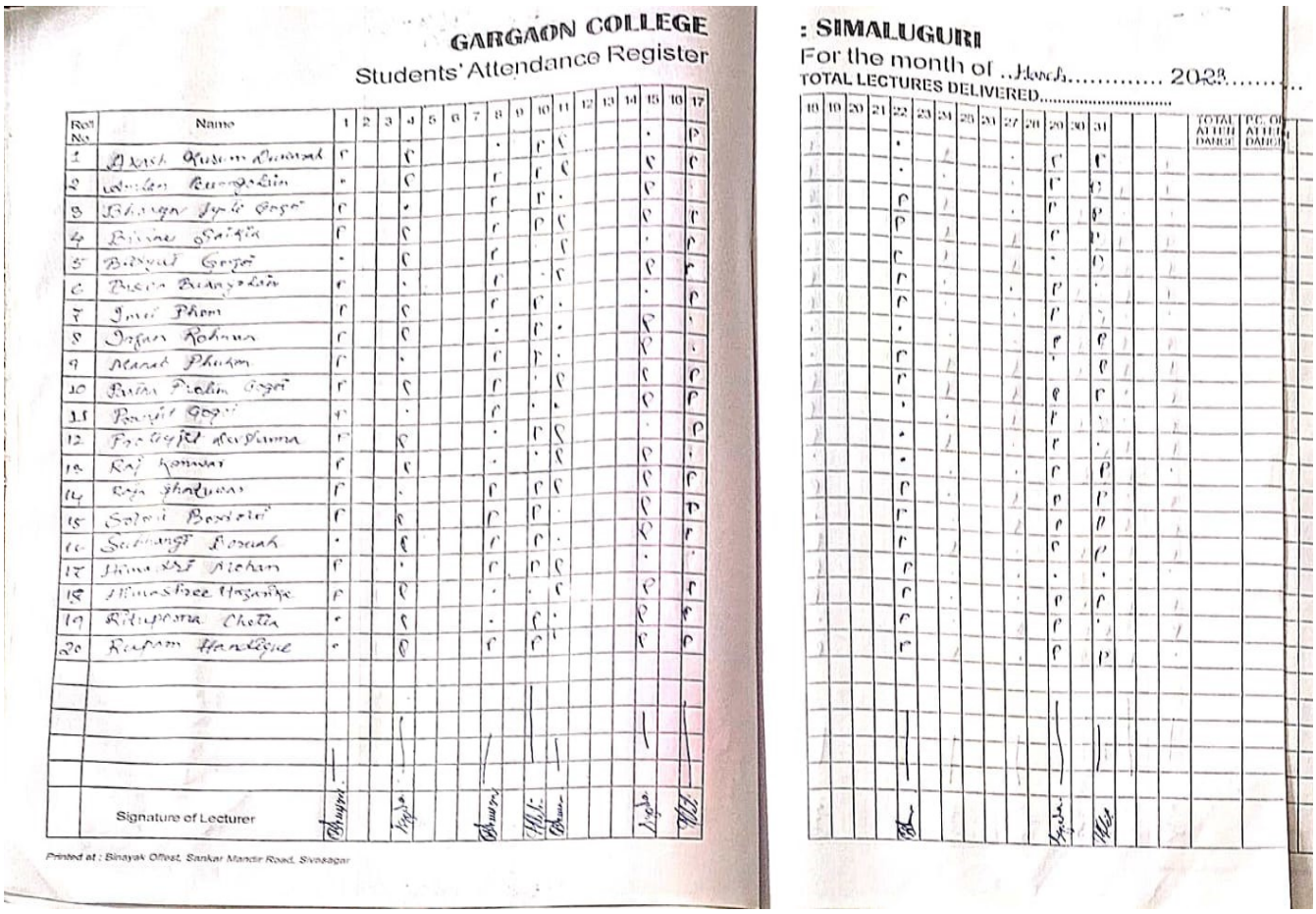

GARGAON COLLEGE : SIMALUGURI

Students' Attendance Register

For the month of ..March..... 2023.....

TOTAL LECTURES DELIVERED.....

Roll No.	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				TOTAL ATTENDANCE	P.C. OF ATTENDANCE
1	Akash Kusum Dewarah	P			P				•		P	P				•		P					•					•		P		P					
2	Amlan Bungalain	•			P				P		P	P				P		P					•					•		P		P					
3	Bhargav Jyoti Gogoi	P			•				P		P	•				P		•					P					•		P		P					
4	Bisiar Saikia	P			P				P		P	P				P		P					P					•		P		P					
5	Bidyut Gogoi	•			P				P			P				•		P					P					•		•		P					
6	Bisca Bungalain	P			•				P		•	P				P		P					P					•		P		•					
7	Imri Phom	P			P				P		P	•				•		P					P					•		P		•					
8	Irfan Rohman	P			P				•		P	•				P		•					•					•		P		P					
9	Manab Phukan	P			•				P		P	•				P		•					P					•		•		P					
10	Pariha Prolim Gogoi	P			P				P		•	P				P		P					P					•		P		P					
11	Pranjit Gogoi	P			•				P		•	•				P		P					•					•		P		•					
12	Prolayjit Deshanna	P			P				•		P	P				•		P					•					•		P		•					
13	Raj Konwar	P			P				•		•	P				P		•					•					•		P		P					
14	Raja Ghatuwar	P			•				P		P	P				P		P					P					•		P		P					
15	Solomi Bordoloi	P			P				P		P	•				P		P					P					•		P		P					
16	Subhangi Boruah	•			P				P		P	•				P		P					P					•		P		P					
17	Himadri Mohan	P			•				P		P	P				•		•					P					•		•		•					
18	Himashree Hazarika	P			P				•		•	P				P		P					P					•		P		P					
19	Rituporna Chetia	•			P				•		P	•				P		P					P					•		P		•					
20	Rupam Handique	•			P				P		P	•				P		P					P					•		P		P					
	Signature of Lecturer	Bhargav			Jyoti				Bhargav		Hiti	Bhargav				Jyoti		Hiti					Bh							Jyoti		Hiti					

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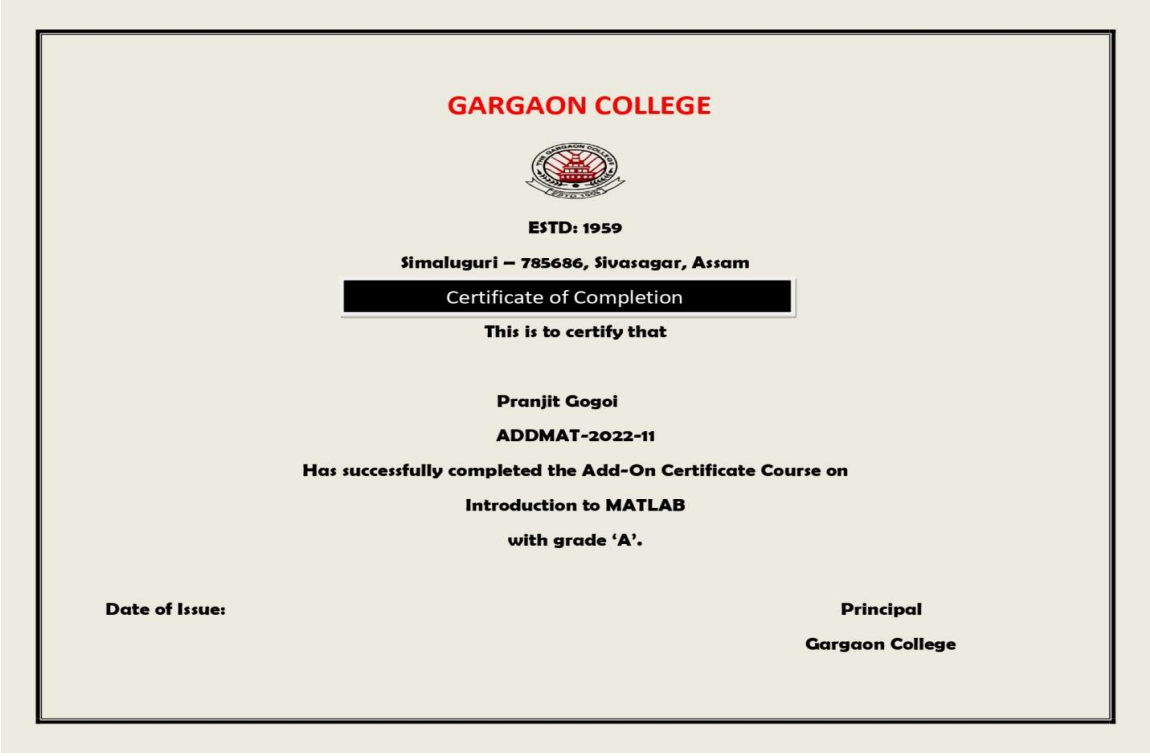
5. Assessment Procedure and Outcome:

The course gave the students a platform to understand the basics of Matlab. They were able to learn about different applications of Matlab. Moreover, the students will be able to do basic programming and calculations of mathematics using MATLAB. The assessment process of the course involves theoretical as well as practical evaluation throughout the span of the course. Students were given assignments concerned with the syllabus. After the completion of the course, a final examination of total 100 marks including internal assessment (Theory: 50, Practical: 40, IA:10) is conducted. On the basis of the final examination, a certificate is provided to the successful students.

6. Sample of Certificate



GARGAON COLLEGE

ESTD: 1959

Simaluguri – 785686, Sivasagar, Assam

Certificate of Completion

This is to certify that

Pranjit Gogoi

ADDMAT-2022-11

Has successfully completed the Add-On Certificate Course on

Introduction to MATLAB

with grade 'A'.

Date of Issue:

Principal

Gargaon College

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7.Notification of Approval by Dibrugarh University:

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.

25/1/2022
(Dr. B.C. Borah)
Joint Registrar (Academic)
Dibrugarh University

Joint Registrar (Academic)
Dibrugarh University
Dibrugarh

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.

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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.

25/1/2022
(Dr. B.C. Borah)
Joint Registrar (Academic)
Dibrugarh University

Joint Registrar (Academic)
Dibrugarh University
Dibrugarh