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Government of West Bengal

Government General Degree College, Muragachha

Department of Mathematics

MURAGACHHA, NADIA, PIN- 741154

Phone No.: 03474-268008 web: www.muragachhagovtcollege.org e-mail: mgcnadia2015@gmail.com

Ref. No.....

Dated: 03.09.2019

NOTICE

This is to notify all concerned that the Department of Mathematics is going to organize a certificate course on 'Elementary Course in LaTeX' in collaboration with the IQAC of this college for the all students of Mathematics Honours of this College from 17.10.2019 to 25.10.2019 free of cost. Certificate will be provided to the participating students after successful completion of the said course. Students of the Mathematics department of this college are requested to meet the course coordinator and enrol their names before commencement of the course.

Dr. Biswajit Saha
3/9/19

Prabir Chakraborty
03.09.2019

Course Coordinator

(Dr. Biswajit Saha & Mr. Prabir Chakraborty)
Government General Degree College, Muragachha

Dr. Biswajit Saha
03/09/2019

Officer In-Charge
Government General Degree
College, Muragachha

Officer-in-Charge
Govt. General Degree College Muragachha
Muragachha, Nakashipara, Nadia



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Elementary Course in LATEX

CERTIFICATE COURSE BY

DEPARTMENT OF MATHEMATICS

JOIN IN OUR PROGRAM...

STAY AHEAD OF OTHERS

Course Objective: After successfully completing Elementary Course in LaTeX, students will be able to

1. Successfully install LaTeX and its related components on a home/ Personal computer.
2. Independently typeset Mathematical, Scientific and general purpose documents in a well organized manner and atmost accuracy.
3. Use of LaTeX and various templates acquired from the course to compose Mathematical documents, Presentation and reports.

CourseDuration: 30 hours (Theory: 10 hrs, Practical: 20 hrs)

Mode Of delivery: Classroom Lectures & Hands on (in the Lab)

Date: 17th Oct to 25th Oct 2019



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Syllabus (Outline):

- Introduction to word Processor and Type Setting Software.
- Introduction to MikTex and TexStudio.
- The structure of a Latex document, Defining class of the document through `\documentclass` and using packages through `\usepackage`, `\begin{document}` and `\end{document}`
- Text formatting and colouring commands.
- Introduction to Mathematics Environment, Writing Greek Symbols and some basic mathematics type structure like Fractions, Superscript, subscript, Overline, Underline etc.
- Matrix, Determinant and Other similar structure.
- Equations and Arrays
- Inserting pictures and tables, Defining, redefining and using Macros
- Special Environments: Enumerates, Tabular, Cases etc.
- Power point Presentation using Beamer
- Advance packages

Contact for information and registration:

Dr. Biswajit Saha and Mr. Prabir Chakraborty, Course Coordinators,

Department of Mathematics,

Government General Degree College, Muragachha

Mob No.: 7908483300 and 8013187678



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Certificate Course on "Elementary Course in LATEX" 2019

LECTURE AND LAB SESSION SCHEDULE

TOPIC	Date	NO. OF LECTURES/ HANDSONSESSION (IN HOURS)
Introduction to word Processor and Type Setting Software.	17.10.2019(11.00 AM- 01.00 PM)	02
Introduction to MikTex and TexStudio	17.10.2019 (02.00 PM- 04.00 PM)	02
The structure of a Latex document, Defining class of the document through \documentclass and using packages through \usepackage, \begin{document} and \end{document}	18.10.2019 (11.00 AM- 01.00 PM)	02
Lab Session	18.10.2019 (02.00 PM- 04.00 PM)	02
Text formatting and colouring commands	19.10.2019 (11.00 AM- 01.00 PM)	02
Lab Session	19.10.2019 (02.00 PM- 04.00 PM)	02
Introduction to Mathematics Environment	21.10.2019 (11.00 AM- 12.00 PM)	01
Writing Greek Symbols and some basic mathematics type structure like Fractions, Superscript, subscript, Overline, Underline etc.	21.10.2019 (12.00 AM- 01.00 PM)	01
Lab Session	21.10.2019 (02.00 PM- 04.00 PM)	02
Matrix, Determinant and Other similar structure.	22.10.2019 (11.00 AM- 01.00 PM)	02
Lab Session	22.10.2019 (02.00 PM- 04.00 PM)	02
Equations and Arrays	23.10.2019 (11.00 AM- 12.00 PM)	01
Inserting pictures and tables, Defining, redefining and using Macros	23.10.2019 (12.00 AM- 01.00 PM)	01
Lab Session	23.10.2019 (02.00 PM- 04.00 PM)	02
Special Environments Enumerates, Tabular, Cases etc.	24.10.2019 (12.00 PM- 01.00 PM)	02
Lab Session	24.10.2019 (02.00 AM- 04.00 PM)	02
Power point Presentation using Beamer and advanced packages	25.10.2019 (11.00 AM- 01.00 PM)	02
Certificate Distribution	25.10.2019 (01.00 PM- 02.00 PM)	

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3/9/19

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03.09.2019

Course Coordinator

(Dr. Biswajit Saha & Mr. Prabir Chakraborty)
Government General Degree College, Muragachha

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