DEPARTMENT OF GEOGRAPHY, CHANDIDAS MAHAVIDYALAYA

Khujutipara, Birbhum.

NOTICE

Date: 12.12.2017

It is hereby notified to all the students of Part-III (Hons.) of this department that Compulsory **SOFTWARE TRAINING** of Remote Sensing and GIS (**QGIS and MS-Excel**) is going to start from **15.12.2017** in the department. Hence, all are requested to attend the training very sincerely. For any query and more details, please contact with Prof. Kaustuv Mukherjee.

12/12/2017

HOD

Deptt. of Geography
Chandidas Mahavidyalaya
Khujutipara, Birbhum

DEPARTMENT OF GEOGRAPHY, CHANDIDAS MAHAVIDYALAYA

Khujutipara, Birbhum.

REPORT OF SOFTWARE TRAINING

Session: 2017 – 2018

DATE: 15.12.2017 onwards

Brief Information

Venue: Departmental Computer Laboratory

Time: Class Time

Name of the Software(s): QGIS and MS-Excel

Target Students: Part-III (Hons.)

Name of the Teacher: Mr. Kaustuv Mukherjee

Summary of the Event:

The software training is an integral part of Geography syllabus which is mainly focused on spatial data handling and analysis. The hands-on training in QGIS software for remote sensing data analysis was conducted in this phase. Besides, training on MS-Excel was also conducted during this period. Apart from compulsory classes, the students were given free access to the computers so that they can practice the lessons repeatedly. The main motive of this training was to develop skill in remote sensing data handling and spatial data analysis using open source softwares.
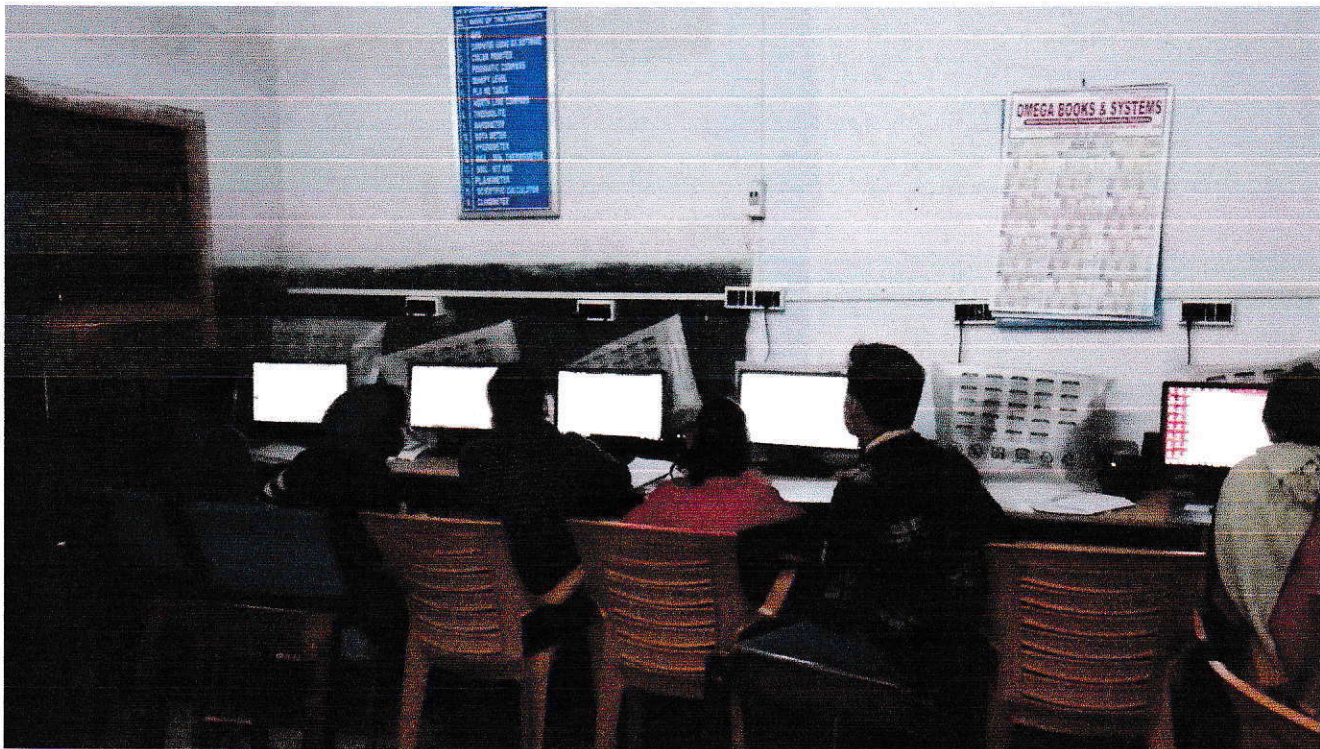
Outcomes of the Event:

- Skill Development in Remote Sensing Software
- Capacity Building in Data Analysis
- Maps, Charts and Diagram Preparation using softwares

Signature of the Teacher

Deptt. of Geography
Chandidas Mahavidyalaya
Khujutipara, Birbhum

Department of Geography, Chandidas Mahavidyalaya

Session: 2017 – 2018

Software Training Sample Pictures (QGIS and MS-Excel Training)

Date: 15.12.2017 onwards

Deptt. of Geography
Chandidas Mahavidyalaya
Khujutipara, Birbhum

Teacher - in - Charge
Chandidas Mahavidyalaya
Khujutipara, Birbhum

DEPARTMENT OF GEOGRAPHY, CHANDIDAS MAHAVIDYALAYA

Khujutipara, Birbhum.

NOTICE

Date: 07.12.2018

It is hereby notified to all the students of Part-III (Hons.) and Sem.-III (Hons.) of this department that Compulsory **SOFTWARE TRAINING** of Remote Sensing and GIS (**QGIS and MS-Excel**) is going to start from 12.12.2018 in the department. Hence, all are requested to attend the training very sincerely. For any query and more details, please contact with Prof. Kaustuv Mukherjee.

HOD

Deptt. of Geography
Chandidas Mahavidyalaya
Khujutipara, Birbhum

DEPARTMENT OF GEOGRAPHY, CHANDIDAS MAHAVIDYALAYA

Khujutipara, Birbhum.

REPORT OF SOFTWARE TRAINING

Session: 2018 – 2019

DATE: 12.12.2018 onwards

Brief Information

Venue: Departmental Computer Laboratory

Time: Class Time

Name of the Software(s): QGIS and MS-Excel

Target Students: Part-III (Hons.) and Sem. – III (Hons.)

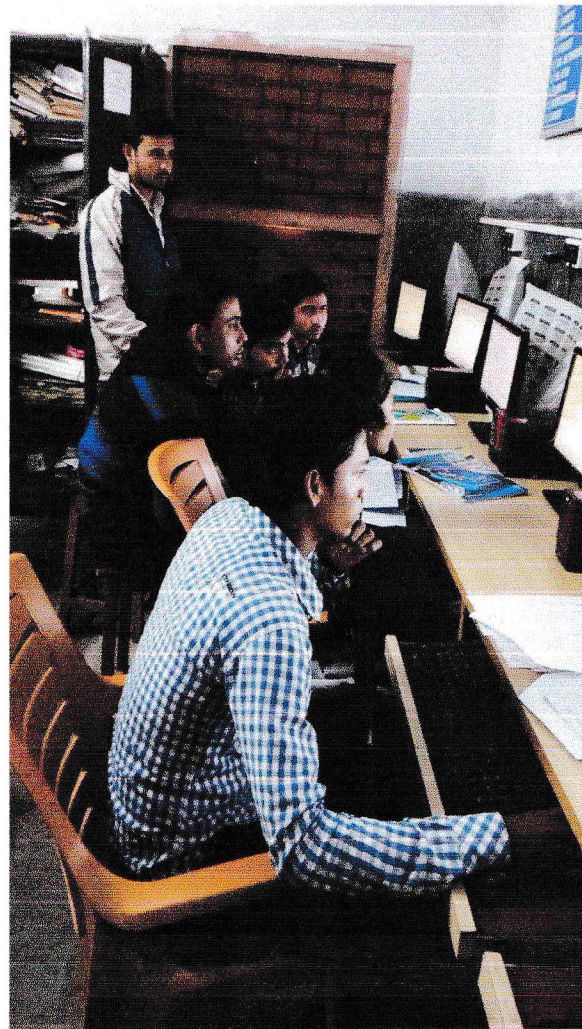**Name of the Teacher:** Mr. Kaustuv Mukherjee

Summary of the Event:

The software training is an integral part of Geography syllabus which is mainly focused on spatial data handling and analysis. The hands-on training in QGIS software for remote sensing data analysis was conducted in this phase. Besides, training on MS-Excel was also conducted during this period. Apart from compulsory classes, the students were given free access to the computers so that they can practice the lessons repeatedly. The main motive of this training was to develop skill in remote sensing data handling and spatial data analysis using open source softwares.

Outcomes of the Event:

- Skill Development in Remote Sensing Software
- Capacity Building in Data Analysis
- Maps, Charts and Diagram Preparation using softwares

Signature of the Teacher

Deptt. of Geography
Chandidas Mahavidyalaya
Khujutipara, Birbhum

Software Training Sample Pictures (QGIS and MS-Excel Training) Date: 12.12.2018 onwards

Deptt. of Geography
Chandidas Mahavidyalaya
Khujutipara, Birbhum

Principal
CHANDIDAS MAHAVIDYALAYA
P.O.-Khujutipara
Dist.-Birbhum

DEPARTMENT OF GEOGRAPHY, CHANDIDAS MAHAVIDYALAYA

Khujutipara, Birbhum.

NOTICE

Date: 03.12.2019

It is hereby notified to all the students of Semester-III (Hons.) and Semester-V (Hons.) of this department that Compulsory **SOFTWARE TRAINING** of SEC-I Computer Basics and Computer Application and CC-12 Remote Sensing and GIS is going to start from **09.12.2019** in the department. Hence, all are requested to attend the training very sincerely. For any further query and more details, please contact with Dr. Kaustuv Mukherjee.

03/12/19

HOD

Deptt. of Geography
Chandidas Mahavidyalaya
Khujutipara, Birbhum

DEPARTMENT OF GEOGRAPHY, CHANDIDAS MAHAVIDYALAYA

Khujutipara, Birbhum.

REPORT OF SOFTWARE TRAINING

Session: 2019 – 2020

DATE: 09.12.2019 onwards

Brief Information

Venue: Departmental Computer Laboratory

Time: Class Time

Name of the Software(s): QGIS and MS-Excel

Target Students: Sem.-III (Hons.) & Sem.-V (Hons.)

Name of the Teacher: Dr. Kaustuv Mukherjee

Summary of the Event:

The software training is an integral part of Geography syllabus which is mainly focused on spatial data handling and analysis. The hands-on training in QGIS software for remote sensing data analysis was conducted in this phase. Besides, training on MS-Excel was also conducted during this period. Apart from compulsory classes, the students were given free access to the computers so that they can practice the lessons repeatedly. The main motive of this training was to develop skill in remote sensing data handling and spatial data analysis using open source softwares.

Outcomes of the Event:

- Skill Development in Remote Sensing Software
- Capacity Building in Data Analysis
- Maps, Charts and Diagram Preparation using softwares

Signature of the Teacher

**Deptt. of Geography
Chandidas Mahavidyalaya
Khujutipara, Birbhum**

Department of Geography, Chandidas Mahavidyalaya
Session: 2019-2020

Software Training Sample Pictures (QGIS and MS-Excel Training)

Date: 09.12.2019 onwards

Deptt. of Geography
Chandidas Mahavidyalaya
Khujutipara, Birbhum

Principal
CHANDIDAS MAHAVIDYALAYA
P.O.-Khujutipara
Dist.-Birbhum

DEPARTMENT OF GEOGRAPHY, CHANDIDAS MAHAVIDYALAYA

Khujutipara, Birbhum.

NOTICE

Date: 14.12.2020

It is hereby notified to all the students of Semester-III (Hons.) and Semester-V (Hons.) of this department that Compulsory **SOFTWARE TRAINING** of SEC-I Computer Basics and Computer Application and CC-12 Remote Sensing and GIS is going to start from **19.12.2020** in online mode. Hence, all are requested to attend the training very sincerely. For any further query and more details, please contact with Dr. Kaustuv Mukherjee.

14.12.2020

HOD

Deptt. of Geography
Chandidas Mahavidyalaya
Khujutipara, Birbhum

Estd.- 1972

DEPARTMENT OF GEOGRAPHY, CHANDIDAS MAHAVIDYALAYA

Khujutipara, Birbhum.

REPORT OF SOFTWARE TRAINING

Session: 2020 – 2021

DATE: 19.12.2020 onwards

Brief Information

Venue: Online (Google Meet)

Time: Class Time

Name of the Software(s): QGIS and MS-Excel

Target Students: Sem.-III (Hons.) & Sem.-V (Hons.)

Name of the Teacher: Dr. Kaustuv Mukherjee

Summary of the Event:

The software training is an integral part of Geography syllabus which is mainly focused on spatial data handling and analysis. The hands-on training in QGIS software for remote sensing data analysis was conducted in this phase. Besides, training on MS-Excel was also conducted during this period. Apart from compulsory classes, the students were given free access to the computers so that they can practice the lessons repeatedly. The main motive of this training was to develop skill in remote sensing data handling and spatial data analysis using open source softwares.
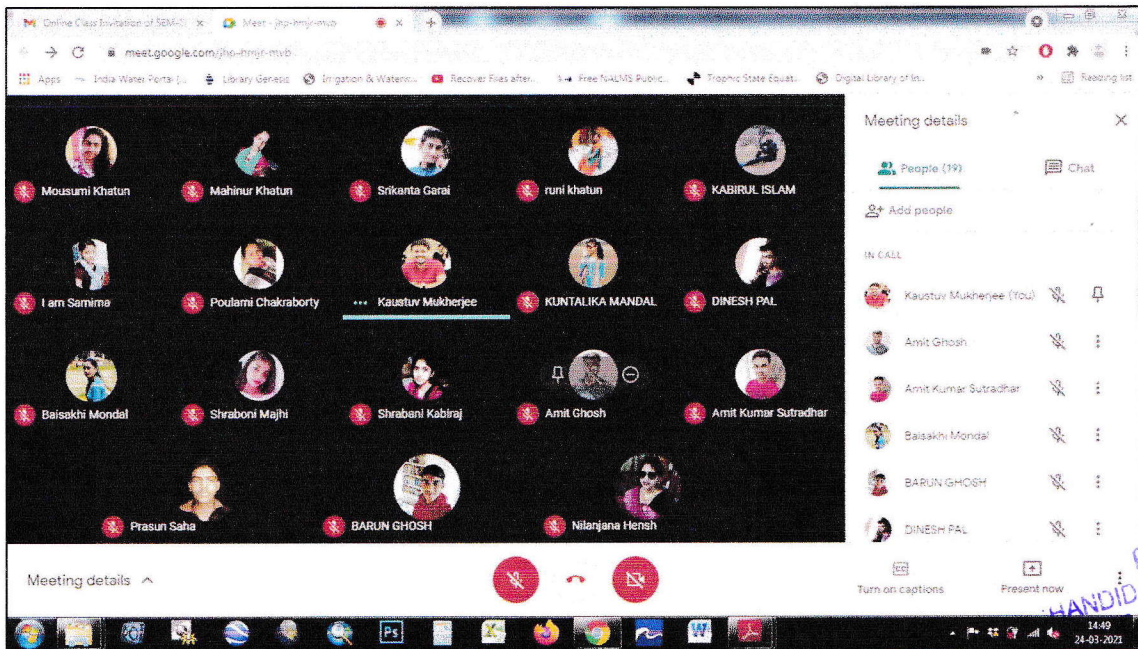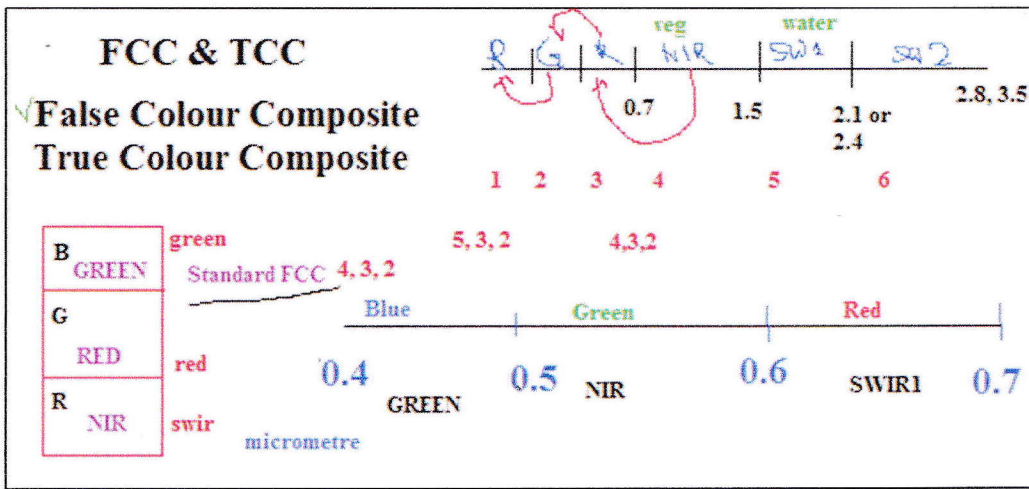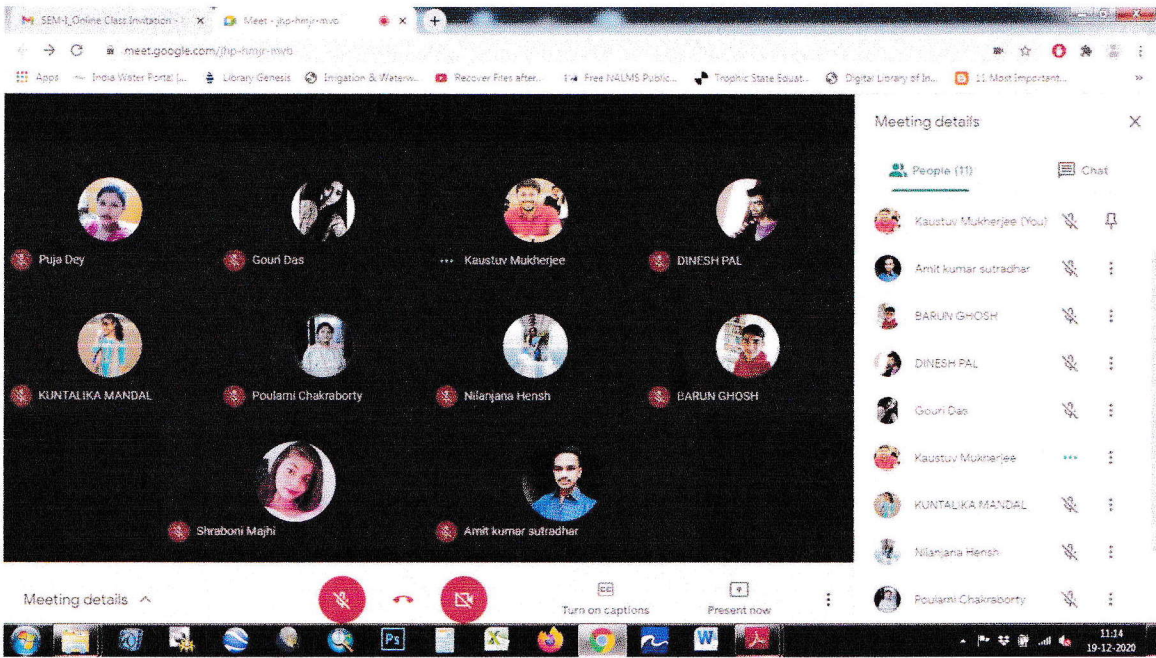
Outcomes of the Event:

- Skill Development in Remote Sensing Software
- Capacity Building in Data Analysis
- Maps, Charts and Diagram Preparation using softwares

Signature of the Teacher

Dept. of Geography
Chandidas Mahavidyalaya
Khujutipara, Birbhum

FCC & TCC

√False Colour Composite
True Colour Composite

veg — NIR
water — SW1, SW2

R | G | R | NIR | SW1 | SW2
0.7   1.5   2.1 or 2.4   2.8, 3.5

1   2   3   4   5   6

B	GREEN	green
G	RED	red
R	NIR	swir

Standard FCC 4, 3, 2

5, 3, 2   4, 3, 2

Blue — 0.4 — GREEN
Green — 0.5 — NIR
Red — 0.6 — SWIR1 — 0.7

micrometre

Online Software Training Sample Screenshots (QGIS and MS-Excel Training) Date: 19.12.2020 onwards

DEPARTMENT OF GEOGRAPHY, CHANDIDAS MAHAVIDYALAYA

Khujutipara, Birbhum.

NOTICE

Date: 15.12.2021

It is hereby notified to all the students of Semester-III (Hons.) and Semester-V (Hons.) of this department that Compulsory **SOFTWARE TRAINING** of SEC-I Computer Basics and Computer Application & CC-12 Remote Sensing and GIS is going to start from **20.12.2021** in the department. Hence, all are requested to attend the training very sincerely. For any query and more details, please contact with Prof. Kaustuv Mukherjee of this department.

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Deptt. of Geography
Chandidas Mahavidyalaya
Khujutipara, Birbhum

Estd.- 1972

DEPARTMENT OF GEOGRAPHY, CHANDIDAS MAHAVIDYALAYA

Khujutipara, Birbhum.

REPORT OF SOFTWARE TRAINING

Session: 2021 – 2022

DATE: 20.12.2021 onwards

Brief Information

Venue: Departmental Computer Laboratory

Time: Class Time

Name of the Software(s): QGIS and MS-Excel

Target Students: Sem.-III (Hons.) & Sem.-V (Hons.)

Name of the Teacher: Dr. Kaustuv Mukherjee
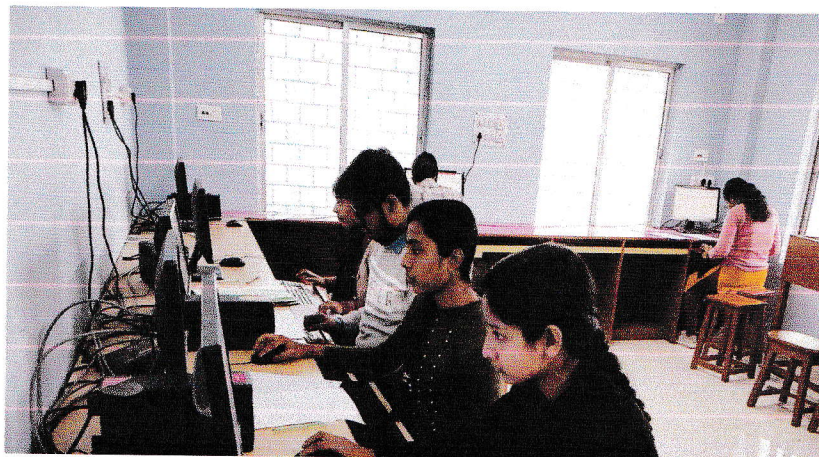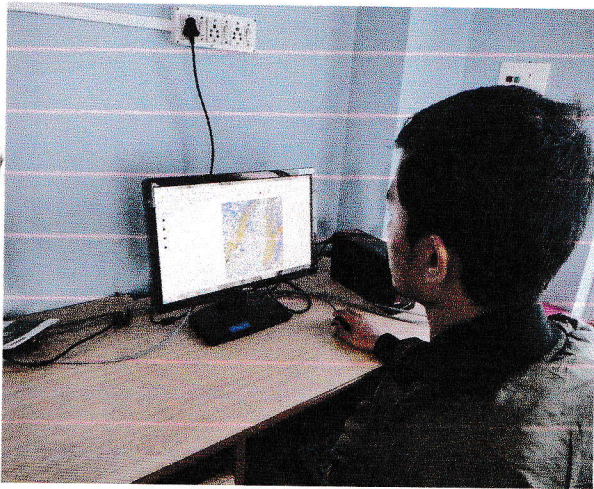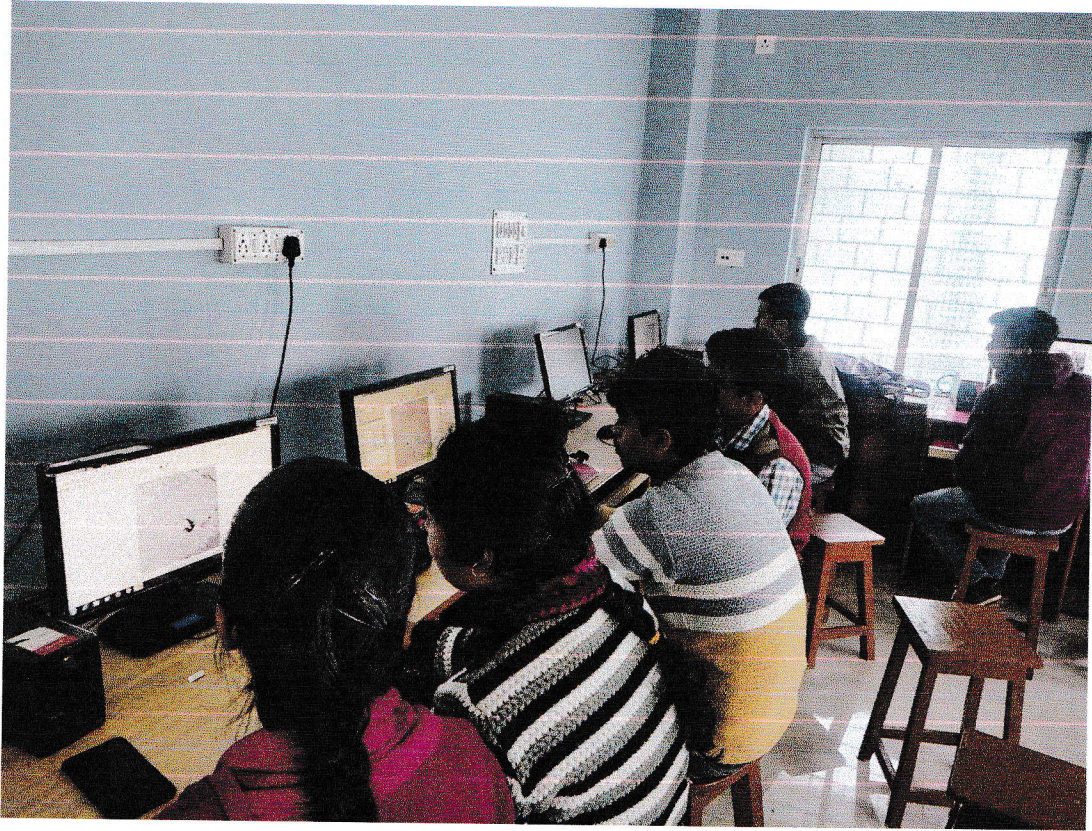
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Outcomes of the Event:

- Skill Development in Remote Sensing Software
- Capacity Building in Data Analysis
- Maps, Charts and Diagram Preparation using softwares

Signature of the Teacher

Deptt. of Geography
Chandidas Mahavidyalaya
Khujutipara, Birbhum

Deptt. of Geography
Chandidas Mahavidyalaya
Khujutipara, Birbhum

Principal
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P.O.-Khujutipara
Dist.-Birbhum

Software Training Sample Pictures (QGIS and MS-Excel Training) Date: 20.12.2021 onwards

CHANDIDAS MAHAVIDYALAYA

DEPARTMENT OF MATHEMATICS

NOTICE

SUB: SOFTWARE TRAINING PROGRAM (C-language)

It is notified that for all the students of B.Sc. (Hons) Semester- III department of Mathematics that the **'SOFTWARE TRAINING PROGRAM (C-language)** will be held on 26.11.2018(Monday)

27.11.2018(Tuesday)

28th November 2018 (Wednessday)

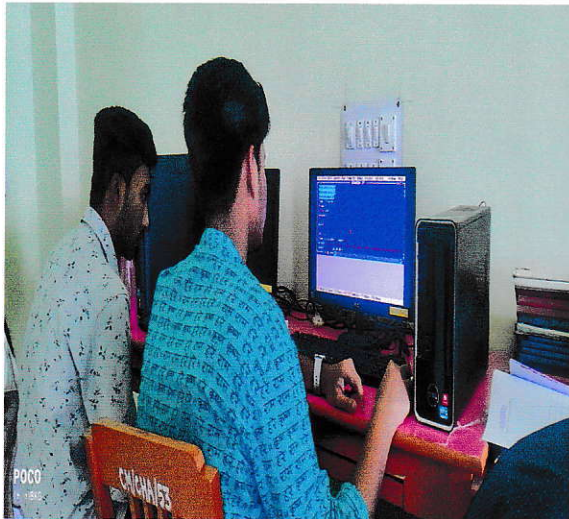All the students inform to positively come that day.

Venue: Mathematics Laboratory

Time : 01:00PM-02:30PM

Bhob 22.11.2018

Deptt. of Mathematics
Chandidas Mahavidyalaya
Khujutipara, Birbhum
Signature of the teacher

SOFTWARE TRAINING PROGRAM (C-language)

Department of Mathematics

Date: 26.11.2018 to 28.11.2018

Deptt. of Mathematics
Chandidas Mahavidyalaya
Khujutipara, Birbhum

Department of Mathematics

SOFTWARE TRAINING PROGRAM (C-language)

Student's signature:

Name	Signature
Biraj Saha	Biraj saha
Eyasmin Khatun	Eyasmin Khatun
Gour Ghosh	Gour Ghosh.
Kalyan Banerjee.	Kalyan Banerjee
Khadija Sultana	Khadija Sultana
Mir Rahamatulla	Mir Rahamatulla.
Sahanewaz Sk	Sahanewaz Sk
Sabyasachi Das	Sabyasachi Das
Shraboni Singha	Shraboni Singha
Sourav Mondal	Sourav Mondal.
Tithi Mondal	Tithi Mondal

Deptt. of Mathematics
Chandidas Mahavidyalaya
Khujutipara, Birbhum

Department of Mathematics

Report on SOFTWARE TRAINING PROGRAM (C-language)

Date : 26.11.2018 to 28.11.2018 (3 Days)

Venue: Mathematics Laboratory

Time : 01:00 PM-02:30PM

No. of participations: 11

Brief Discussion: C programming language is a general-purpose, procedural, high-level programming language used to develop computer software, computer applications, system programming, game development, web development, and more. C language was developed by Dennis M. Ritchie at the Bell Telephone Laboratories in 1972. C is a powerful and flexible language. It is a widely used programming language. C was developed for the programming of the UNIX operating System.

C programming is known for its simplicity and efficiency. It is a better choice to start with programming, It gives you a foundational understanding of programming.

Why Learn C: C programming language is the most popular language. It is a must for software engineering students. If you learn C, It will help you to learn other languages easily like Java, C++, C#, Python, etc. C language is faster than other programming languages like Java and Python. It can handle low-level activities. We can compile the C code in a variety of computer platforms.

List of some key advantages of C language:
- *Easy to learn.*
- *Versatile Language, which can be used in both applications and technologies.*
- *MIddle-level language.*
- *C is a structured language.*

Outcomes: C was used in programs that were used in making operating systems. C was known as a system development language because the code written in C runs as fast as the code written in assembly language.

The use of C is given below:

• *Operating Systems*	• *Network Drivers*
• *Language Compilers*	• *Modern Programs*
• *Assemblers*	• *Databases*
• *Text Editors*	• *Language Interpreters*
• *Print Spoolers*	• *Utilities*

Deptt. of Mathematics
Chandidas Mahavidyalaya
Khujutipara, Birbhum