Ref. No…………………….   *Date:…………*

Awareness of trends in technology

ACTIVITY REPORT

Remote Sensing and GIS
22/09/2022-26/09/2022

1. **Name of Department/Committee/Cell:** Dept. of Geography
2. **Name of the Event/Activity:** 5 days Workshop on Remote Sensing and GIS
3. **Date of the Event: 22/09/2022-26/09/2022**
4. **Venue of the Event:** Siddhinath Mahavidyalaya, Seminar Room
5. **Nature of the Activity:** Add-On Course in technology
6. **Level of the activity:** Inter College
7. **Name of the Collaborator:** CAD GIS Centre, Public Health & Engineering Dept. Govt. of West Bengal
8. **Names and designations/ professions of dignitaries, guests, participants:**

	Name	**Designation &Departments**
Patron	Dr. Uma Ghosh	Principal, Siddhinath Mahavidyalaya
Convener	Mr. Abu Kalam Alberuni	Assistant Professor & Head, Department of Geography
Co-Convener	Mr. Taraknath Sau Mr. Suman Paul	SACT, Department of Geography
Speaker	Mr.Ayan Ghosh	IT Personnel (GIS Engineer)
Participants	Total 54 Students	

9. **Beneficiaries/participants/audience:** 54 students who are participated
10. **Outcome of the activity:** Awareness in technology
11. **Evidence produced:** Invitation Letter, Application for permission, Attendance sheet, Notice & Certificate Copy, Photographs

PDF SIGNER DEMO VERSION

Ref. No…………………….. Date: ………………

Ref. No. ………………..   Date. ……………………

From To President / Secretary / Teacher-in-charge

Mr. Ayan Ghosh
IT Personnel (GIS Engineer)
Special Investigation Division,
CAD GIS Centre, Public Health & Engineering Department,
Govt. of West Bengal

Subject: **Invitation for conducting workshop on Remote Sensing& GIS**

Dear Mr. Ayan Ghosh

Greeting from SiddhinathMahavidyalaya, Shyamsundarpur Patna, Panskura.

The Department of Geography is organizing a workshop on '**Remote Sensing & GIS**'in the college campus. Participants from various colleges will also be participating in this grand event.

We would like to invite you as a resource person for the above-mentioned workshop. Under your guidance, our students, research scholars and faculty members will be able to understand and gain knowledge about various aspects of the topic. I am sure that such interaction will be beneficial for all.

Program details are given below:

Date	: 22&23 September 2022 (online mode)
	: 24, 25 &26 September 2022 (offline mode)
Time	: 11.00 am to 4.00 pm
Venue	: Conference Room, SiddhinathMahavidyalaya
No. of participants	: shall be confirmed after completion of registration

Kindly confirm your acceptance of the invitation.

Thank you.

Uma Ghosh
IC.19.22
Principal
Principal
SIDDHINATH MAHAVIDYALAYA
B S Patna Purba Medinipur

Invitation letter of Resource Person

Ref. No…………………….   *Date: ………………*

To   Date:- 13.09.2022
The Principal,
Siddhinath Mahavidyalaya,
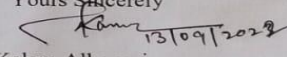S.S.Patna, Panskura,
Purba Medinipur.

Subject: Permission for conducting an Add-on-Course in the Department of Geography.

Respected Madam,

      With due respect I would like to inform you that I, Abu Kalam Alberuni, Assistant Professor & HOD, Department of Geography, Siddhinath Mahavidyalaya is going to organize seven days Add-on-Course in our Department on "REMOTE SENSING AND GIS" from 22nd September to 26th September 2022.

      Waiting for a positive response from your end and give your kind consent.

Thanking You.

Yours Sincerely

Abu Kalam Alberuni
Assistant Professor & Head
Department of Geography
Siddhinath Mahavidyalaya

Head,
Department of Geography
SIDDHINATH MAHAVIDYALAYA
P.O.- Shyamsundarpur Patna,
Purba Medinipur

Permission copy

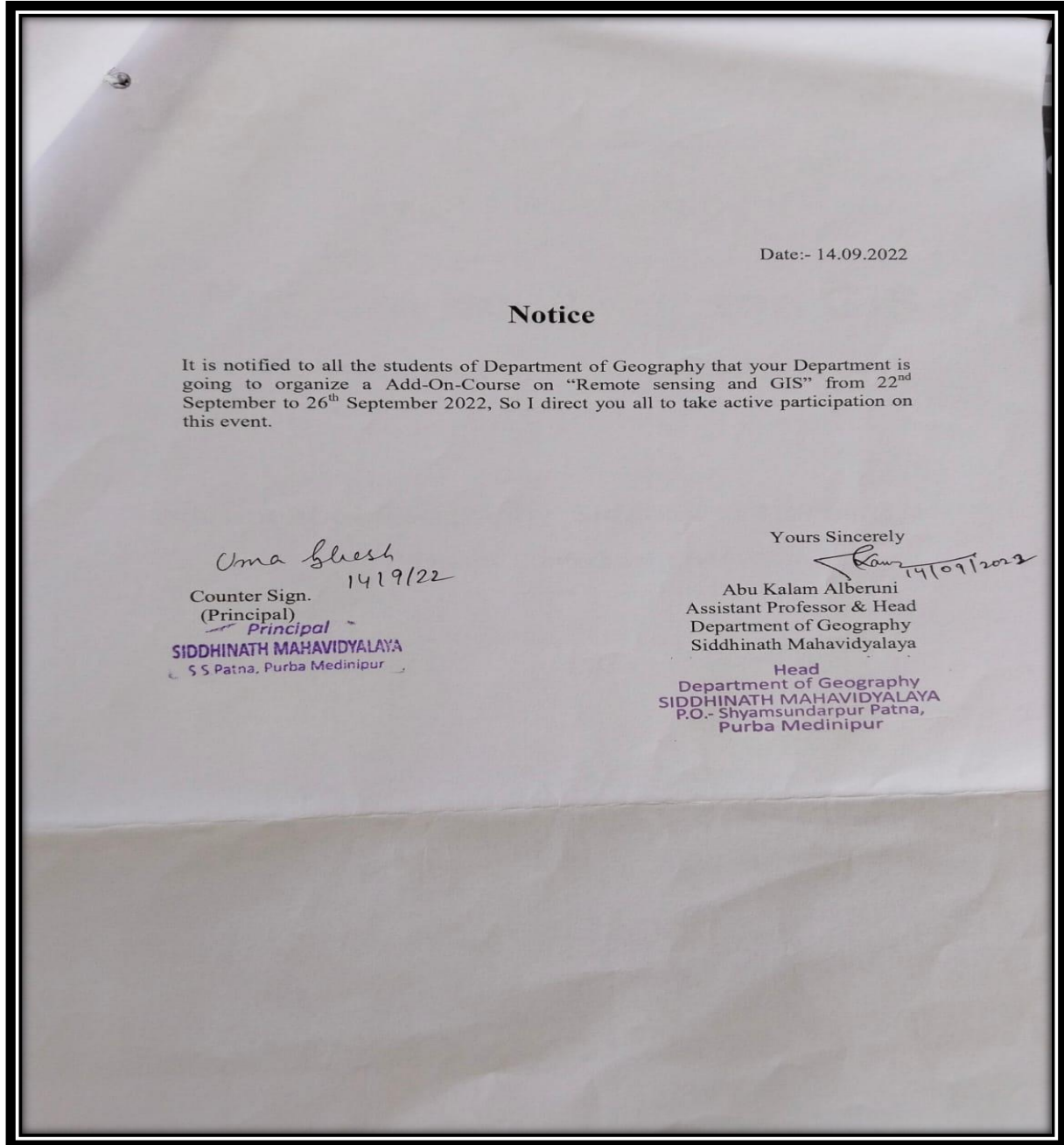*Ref. No……………………*   *Date: ………………*

Date:- 14.09.2022

Notice

It is notified to all the students of Department of Geography that your Department is going to organize a Add-On-Course on "Remote sensing and GIS" from 22nd September to 26th September 2022, So I direct you all to take active participation on this event.

Uma Ghosh
14/9/22

Counter Sign.
(Principal)
Principal
SIDDHINATH MAHAVIDYALAYA
S S Patna, Purba Medinipur

Yours Sincerely
14/09/2022

Abu Kalam Alberuni
Assistant Professor & Head
Department of Geography
Siddhinath Mahavidyalaya

Head
Department of Geography
SIDDHINATH MAHAVIDYALAYA
P.O.- Shyamsundarpur Patna,
Purba Medinipur

Notice for students

Ref. No…………………….   *Date: ……………*

Pamphlet of the workshop

Ref. No……………………   Date: …………

About College

THE HISTORICAL SIGNIFICANCE OF PANSKURA THANA IN UNDIVIDED MIDNAPORE DISTRICT IS WELL-KNOWN TO ALL SHYAMSUNDARPUR PATNA WHICH IS THE PRESENT NAME OF THIS VLLAGE UNDER PANSKURA THANA WAS NAMED AS SIDDHIKUNDU PATNA. BUT THE INNER SPIRIT OF ANOTHER LIVING GOD SHYAMSUNDAR JEE'S DUAL-IDOL HAD A PROFOUND INFLUENCE UPON THE MIND OF THE VILLAGE PEOPLE. AS A CONSEQUENCE MOST OF THE PEOPLE IN THIS VILLAGE WANT TO ALTER ITS NAME AS SHYAMSUNDARPUR PATNA. THUS THIS VILLAGE HAS A RELEVENCE FROM THE HISTORICAL POINT OF VIEW.
IN THE SAME WAY, TO PRESERVE THE ANTIQUE LORD SIDDHINATH AND ALSO TO DEVELOP THE HIGER EDUCATION IN THIS LOCALITY THE DICISION OF SETTING UP SIDDHINATH MAHAVIDYALAYA IS TAKEN BY SOME EMINENT INTERESTED PERSONS. IN THIS WAY THE DREAM COMES TRUE WHEN A COLLEGE NAMED SIDDHINATH MAHAVIDYALAYA, AFFILIATED TO VIDYASAGAR UNIVERSITY IS SET UP SPECIALLY BY THE EFFICIENCY AND SINCERE AND SUSTAINED EFFORT OF NATIONAL TEACHER SRI NIRMAL CHANDRA MAITY AND SPONTANIOUS BOUNTY OF LAND DONOR RABI NATH MAHANTA JI, WHO DONATED 3.01 ACRES OF LAND FOR SETTING UP THE COLLEGE.

Speaker

Ayan Ghosh
IT Personnel (GIS Engineer)
Special Investigation Division, CAD GIS Center,
Public Health & Engineering Department,
Govt of West Bengal

Course content

- GIS data structure type: Raster & Vector data, Spatial & Attribute data
- Concept of remote sensing & GIS
- Image geo referencing
- Creation of shape file & Digitalization
- Concept of attribute table, attribute data entry, thematic map preparation
- Over lay analysis & layout Preparation
- Sensor resolutions and their application
- Concept of true color and false color composition
- Preparation of land use and land cover mapping using the image classification method
- Acquisition of Digital Elevation Model and its application
- Concept of GNSS & use of GPS , waypoint collection, mapping, area

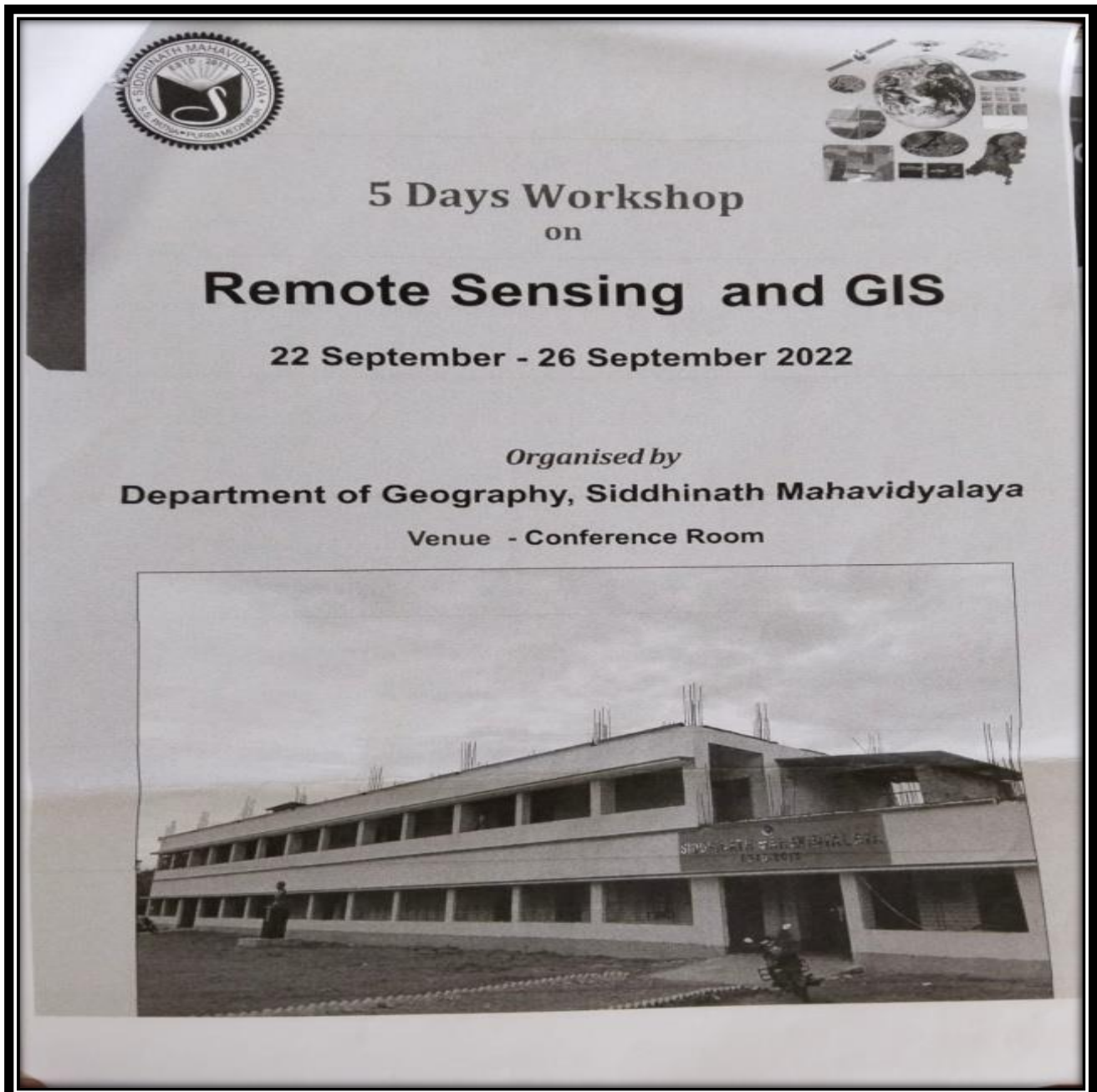*Course content of the workshop*

SIDDHINATH MAHAVIDYALAYA
(Govt. Aided)
Estd. - 2013

SHYAMSUNDARPUR PATNA ● PANSKURA ● PURBA MEDINIPUR ● PIN - 721139 ● Phone - 03228-255030
email - siddhinathmahavidyalaya@gmail.com

Ref. No……………………..   *Date: …………*

Attendance sheet
Workshop on 'Remote Sensing And GIS'
Organised by :- Dept. of Geography.

Serial No	Date - 24/09/2022	Date - 25/09/2022	Date - 26/09/2022	Remarks
1.	Ankita Dhara	Arpita Bera	Shreya Manna	
2.	Ankita Samanta	Chandrima Grayen	Rimpa Rana	
3.	Arpita Bera	Dipika Manna	Prity Sing	
4.	Sayani Das	Sonali Mandal	Arpita Bera	
5.	Sathi Sasmal	Papiya Ghorai	Tanuva Mondal	
6.	Binoy Rana	Bsantik Das	Subrota Roy	
7.	Prity Sing	Shreya Manna	Chandrima Grayen	
8.	Tulsi Paul	Sudip Patra	Rakhi Hait	
9.	Dipika Manna	Sayani Das	Tulsi Paul	
10.	Chandrima Grayen	Tulsi Paul	Bsantik Das	
11.	Trishna Acharya	Rimpa Rana	Mayna Rinola	
12.	Shreya Manna	Aniket Manna	Troishna Acharja	
13.	Sayak Chakraborty	Prity Sing	Ankita Dhara	
14.	Subrata Roy	Ankita Samanta	Sangita Roy	
15.	Papiya Ghorai	Tanuva Mondal	Dipika Manna	
16	Bsantik Das	Rakhi Hait	Papeya Paul	
17	Papiya Bhowmik	Sayak Chakraborty	Sayani Das	
18	Sonali Mandal	Sathi Sasmal	Ankita Samanta	
19	Sudip Patra	Sangita Roy	Papiya Ghorai	
20	Aniket Manna	Trishna Acharya		
21	Tanuva Mondal	Subrata Roy	Aniket Manna	
22	Mayna Rinola	Mayna Rinola	Amrita Samanta	
23.	Rakhi Hait	Binoy Rana	Sonali Mandal	
24.	Sangita Roy	Ankita Das.		
25		Papiya Bhowmik	Madhumita Parja	
26	Sutopa Bera	Ankita Dhara		
27	Papeya Paul	Aparajita Manna	Sayak Chakraborty	
28.		Sutopa Bera	Papiya Bhowmik	
29.	Ankita Das.		Ankita Das.	
30	Madhumita Parja	Susama Jana	Aparajita Manna.	
31	Amrita Samanta		Sathi Sasmal	Sathi Sasmal
32	Susama Jana		Madhumita Parja	
33	Aparajita Manna		Susama Jana	
34.	Suvajit Ghorai		Sutopa Bera	
35	Rimpa Rana	Amrita Samanta		
36.		Papeya Paul	Sudip Patra	
37.			Suvajit Ghorai	
38		Suvajit Ghorai	Binoy Rana	

realme 9 Pro+

Attendance sheet of Participants

Ref. No……………………   *Date: …………*

Sample copy of the workshop Certificate

Ref. No………………………   Date: ……………

Certificate distribution of workshop by the resource person

SIDDHINATH MAHAVIDYALAYA
(Govt. Aided)
Estd. - 2013

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email - siddhinathmahavidyalaya@gmail.com

Ref. No…………………….   *Date: …………*
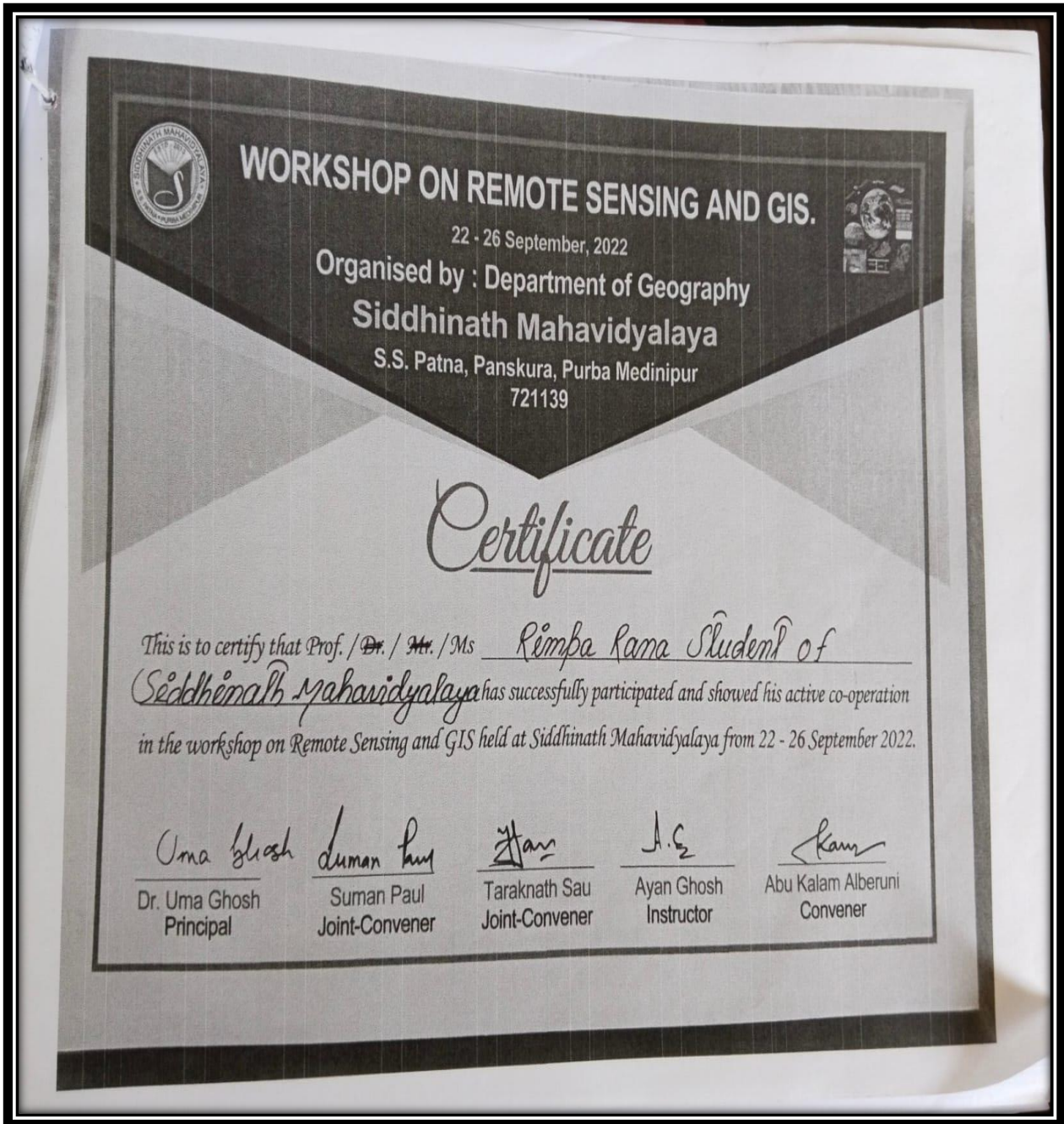

Photograph of Workshop

SIDDHINATH MAHAVIDYALAYA
(Govt. Aided)
Estd.- 2013

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email - siddhinathmahavidyalaya@gmail.com

Ref. No…………………………   *Date: …………..*

ACTIVITY REPORT

7 days add-on course on QGIS
11th - 13th & 18th – 21st March 2023

1. **Name of Department/Committee/Cell:** Dept. of Geography
2. **Name of the Event/Activity:** 7 days add-on course on QGIS
3. **Duration of the Event: 11th - 13th & 18th – 21st March 2023**
4. **Venue of the Event:** Siddhinath Mahavidyalaya, Seminar Room
5. **Nature of the Activity:** Add-On Course
6. **Level of the activity:** Inter College
7. **Name of the Collaborator:** CAD GIS Centre, Public Health & Engineering Dept. Govt. of West Bengal
8. **Names and designations/ professions of dignitaries, guests, participants:**

	Name	**Designation &Departments**
Patron	Dr. Uma Ghosh	Principal, Siddhinath Mahavidyalaya
Convener	Mr. Abu Kalam Alberuni	Assistant Professor & Head, Department of Geography
Co-Convener	Mr. Taraknath Sau Mr. Suman Paul	SACT, Department of Geography
Speaker	Mr. Ayan Ghosh	IT Personnel (GIS Engineer)
Participants	Total 50 Students	

9. **Beneficiaries/participants/audience:** 50 students who participated
10. **Outcome of the activity:** Awareness in technology
11. **Evidence produced:** Invitations Letter, Photographs, Attendance sheet, MoU, Notice & Certificate Copy.
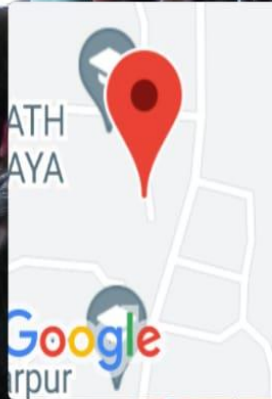
SIDDHINATH MAHAVIDYALAYA
(Govt. Aided)
Estd. - 2013

SHYAMSUNDARPUR PATNA ● PANSKURA ● PURBA MEDINIPUR ● PIN - 721139 ● Phone - 03228-255030
email - siddhinathmahavidyalaya@gmail.com

Ref. No……………………   Date: ……………

Ref. No. ....   Date. ....

From : President / Secretary / Teacher-in-charge

To

Mr. Ayan Ghosh
IT Personnel (GIS Engineer)
Special Investigation Division,
CAD GIS Centre, Public Health & Engineering Department,
Govt. of West Bengal

Subject: Invitation for conducting 7 days add-on course on QGIS

Dear Mr. Ayan Ghosh

Greeting from Siddhinath Mahavidyalaya, Shyamsundarpur Patna, Panskura.

The Department of Geography is organizing a **7 days add-on course on QGIS** in the college campus. Participants from various colleges will also be participating in this grand event.

We would like to invite you as a resource person for the above-mentioned **7 days add-on course on QGIS.** Under your guidance, our students, research scholars and faculty members will be able to understand and gain knowledge about various aspects of the topic. I am sure that such interaction will be beneficial for all.

Program details are given below:

Date: 11th - 13th & 18th – 21st March 2023
Time: 11.00 am to 4.00 pm
Venue: Conference Room, Siddhinath Mahavidyalaya
No. of participants: shall be confirmed after Completion of registration.
Kindly confirm your acceptance of the invitation.

Thank you.

Uma Ghosh
Principal
SIDDHINATH MAHAVIDYALAYA
S.S.Patna, Purba Medinipur

Invitation letter of Resource Person

SIDDHINATH MAHAVIDYALAYA
(Govt. Aided)
Estd.- 2013

SHYAMSUNDARPUR PATNA ● PANSKURA ● PURBA MEDINIPUR ● PIN - 721139 ● Phone - 03228-255030
email - siddhinathmahavidyalaya@gmail.com

Ref. No…………………….   Date: …………..

Date:- 03.03.2023

To
The Principal,
Siddhinath Mahavidyalaya,
S.S.Patna, Panskura,
Purba Medinipur.

Subject: Permission for conducting an Add-on-Course in the Department of Geography.
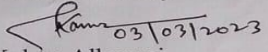
Respected Madam,

With due respect I would like to inform you that I, Abu Kalam Alberuni, Assistant Professor & HOD, Department of Geography, Siddhinath Mahavidyalaya is going to organize seven days Add-on-Course in our Department on "QGIS" from 11th March to13th March and 18th March to 21st March 2023.

Waiting for a positive response from your end and give your kind consent.

Thanking You.

Yours Sincerely

03/03/2023

Abu Kalam Alberuni
Assistant Professor & Head
Department of Geography
Siddhinath Mahavidyalaya

Head
Department of Geography
SIDDHINATH MAHAVIDYALAYA
P.O.- Shyamsundarpur Patna,
Purba Medinipur

Permission letter

Date:- 03.03.2023

Notice

It is notified to all the students of Department of Geography that your Department is going to organize a Add-On-Course on "QGIS" from 11th March to13th March and 18th March to 21st March 2023. So I direct you all to take active participation on this event.

Uma Ghosh
3/3/23

Counter Sign.
(Principal)
Principal
SIDDHINATH MAHAVIDYALAYA
S S Patna, Purba Medinipur

Yours Sincerely

05/03/2023

Abu Kalam Alberuni
Assistant Professor & Head
Department of Geography
Siddhinath Mahavidyalaya

Head
Department of Geography
SIDDHINATH MAHAVIDYALAYA
P.O.- Shyamsundarpur Patna,
Purba Medinipur

Notice for the students

SIDDHINATH MAHAVIDYALAYA
(Govt. Aided)

Estd. - 2013

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email - siddhinathmahavidyalaya@gmail.com

भारतीय गैर न्यायिक

दस रुपये रु.10

भारत

TEN RUPEES Rs.10

INDIA

INDIA NON JUDICIAL

पश्चिमबङ्ग पश्चिम बंगाल WEST BENGAL

69AB 755174

SL. NO. 2080/23
11/03/23

NOTARY, (GOVT. OF INDIA)
TAMLUK : PURBA MEDINIPUR

MEMORANDUM OF UNDERSTANDING

BY AND BETWEEN

PRINCIPAL REPRESENTING DEPARTMENT OF GEOGRAPHY, SIDDHINATH MAHAVIDYALAYA, SHYAMSUNDARPUR PATNA, PANSKURA, WEST BENGAL AND

GEO SOLUTION, SIJBERIA, P.O. ANANTARAMPUR, SOUTH 24 PARGANAS, WEST BENGAL, INDIA

This memorandum of Understanding (MoU) Is made on 11.03.2023 between Principal representing Department of Geography, SIDDHINATH MAHAVIDYALAYA with Geo Solution, Sijberia, P.O. Anantarampur, South 24 parganas, West Bengal, India , for mutual cooperation witnessed In skill based training, education, placement, Industrial visit, expert lecture. This document establishes the guiding terms and principles of collaboration between the two organisations:

Attested

Uma Ghosh 11.3.23

Principal
Siddhinath Mahavidyalaya
PO Shyamsundarpur Patna,
Purba Medinipur

MoU with Geo Solution 1ˢᵗ page

1) Legal Frameworks of Both TheOrganisation

SIDDHINATH MAHAVIDYALAYA,Shyamsundarpur Patna , Panskura, Bengal,721139 under the VIDYASAGAR UNIVERSITY and Government of West Bengal aided college,represented by its Principal Prof. (Dr.) UMA GHOSH hereinafter referred to as the FIRST PARTY (which term or expression shall unless excluded by or repugnant to the context be deemed to mean and Include Its successor In office, representatives, administrators, and assigns)

GEO SOLUTION, SIJBERIA, P.O. ANANTARAMPUR, SOUTH 24 PARGANAS, WEST BENGAL, INDIA, hereinafter referred to as the SECOND PARTY (which term or expression shall unless excluded by or repugnant to the context be deemed to mean and include its success or in office, representatives, administrators, and assigns]. Both these organizations will be hereafter referred to as Parties.

2) Purpose of the Agreement

Both the Parties are pleased to enter upon an agreement to establish ties of academic cooperation in order to contribute to the achievement of their overall goals as institutions through following but not limited to:

1. Skill based training,   2. Education,3.Placement,   3. Industrial visit
5. Expert lecture.

6. Any other activity that is mutually agreed upon and is beneficia) to both.

3) Execution of the Agreement

The specific activities to be carried out under this agreement will be stated in corresponding specific sub-agreements. Such specific sub-agreements, once approved by both parties, will be attached as annexes to this agreement.

The specific sub-agreements between both Parties will specify their objectives, conditions and ways of execution, financial support, period the sub-agreement will be in effect, and administrative responsibility within each institution.

4) Terms and Expiration of the Agreement

It is understood that this agreement will come into effect after being signed by both Parties and will be established for a period of one year. After this one year it will be automatically extended for same period, unless one of the Parties expresses an intention (by written notification) to cancel the agreement at least 90 days before the expiry date. The amendment, termination and expiration of this MoU will not affect the terms of activities ongoing at the time or notification of amendment, termination or expiration, unless otherwise agreed upon between the Parties.

Any additions, changes, or deletions to this document must be approved by the representatives of both Parties. All notices shall be in writing and shall be directed to these representatives.

5. NON-EXCLUSIVITY:

This Agreement is a non-exclusive agreement, and both parties remain free to enter into similar agreements with third parties.

6) SPECIAL PROVISIONS

1. Each party will take approval from the other party in writing prior to using the latter's name and logo for the activities hereunder on a case-by-case basis.

SITH KUMAR MAIL
ARY (GOVERNMENT OF INDIA
r the Notaries Act.(Reg. No.-926)
or the District-Midnapu.
luk,Purba Medinipur W B

Attested
Uma Ghosh 11.3.23
Principal
Siddhinath Mahavidyalaya
PO Shyamsundarpur Patna,
Purba Medinipur

MoU with Geo Solution 2nd page

SIDDHINATH MAHAVIDYALAYA
(Govt. Aided)
Estd. - 2013
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email - siddhinathmahavidyalaya@gmail.com

Ref. No………………………   Date: ……………

2. All parties hereto shall do their utmost to ensure the smooth and efficient implementation of the programs.

3. The parties will consult with each other for any subsequent associated agreement informally and attempt to resolve disputes or misunderstandings that may arise in the administration of this MoU or any subsequent associated agreement informally.

4. Neither party can misuse this MoU by involving the name of the other without the written consent from the other party.

7) DISPUTES

If any dispute arise in respect of the MoU, in that case both the organisations will discuss and settle the matter amicably.

For

SIDDHINATH MAHAVIDYALAYA

Name: Dr. Uma Ghosh

Designation: Principal

Date: 11-03-2023

Principal
SIDDHINATH MAHAVIDYALAYA
S S Patna, Purba Medinipur

For

GEO SOLUTION

Name: Paulomi Karmakar

Designation: Project Manager

Date: 11/03/2023

Witness:

Name: Abu Kalam Alberuni

Designation: Assistant Professor & Head

Date 11/03/2023

Head
Department of Geography
SIDDHINATH MAHAVIDYALAYA
P.O.- Shyamsundarpur Patna,
Purba Medinipur

Witness

Name: Ayan Ghosh

Designation: GIS Consultant

Date 11.3.2023

Sl. NO. 2080/23
11/3/23

Authenticated by
Nisith Kumar Maiti 11.3.23.
NISITH KUMAR MAITI
NOTARY (GOVERNMENT OF INDIA)
Under the Notaries Act.(Reg. No.-926)
For the District-Midnapur,
Tamluk, Purba Medinipur W B

KAMAL KR HAN 11/3/23
ADVOCAT
TAMLUK JUDGE COURT

Attested
Uma Ghosh 11-3-23
Principal
Siddhinath Mahavidyalaya
PO Shyamsundarpur Patna,
Purba Medinipur

MoU with Geo Solution 3rd page

Seven days add-on course on QGIS

Organised by
Dept. of Geography, Siddhinath Mahavidyalaya, S.S Patna, Panskura,
Purba Medinipur in collaboration with Geo-solution.

On

(11th March to 13th March and 18th March to 21st March, 2023)

Speaker-
Ayan Ghosh
IT personnel (GIS Engineer)
Special Investigation Division
CAD GIS Centre, Public Health and Engineering Dept.,
Govt. Of West Bengal

Pamphlet of the Workshop

SIDDHINATH MAHAVIDYALAYA
(Govt. Aided)
Estd. - 2013

SHYAMSUNDARPUR PATNA ● PANSKURA ● PURBA MEDINIPUR ● PIN - 721139 ● Phone - 03228-255030
email - siddhinathmahavidyalaya@gmail.com

Seven days add-on course on QGIS, Organised by Dept. of Geography, Siddhinath Mahavidyalaya, S.S Patna, Panskura, Purba Medinipur, collaboration with Geo-solution, from (11 march to 13 march and 18 march to 21 march, 2023)

Session	Theory/Hands on	Day-1	DAY-2	Day-3	Day -4	Day-5	Day-6	Day-7
Session-1	Theory	Defining GIS Why GIS Component of GIS Difference between paper maps and GIS maps Application of GIS Introduction QGIS	Co-ordinate system Introduction Datum and its types What is georeferencing Why georeferencing	Why editing Editing tool and functionalities Types of editing	Concept of spatial analysis Concept Clipping Concept of buffer Types of Buffers	Introduction to DEM Introduction to TIN surface Introduction to contour Introduction to water shade	Introduction to image classification Types of image classification Supervised classification Unsupervised classification	Introduction GEE Basic concept on JAVA script
	Hands on	Installing QGIS Installing Plugins Display and add data	On fly projection Georeferencing the maps using QGIS	Adding required layers for editing Performing spatial data editing Managing edit session Making modification to the existing spatial data Snapping and its significant Editing the attribute data saving the edits	Spatial analysis Clipping Creating buffers Types of buffers Clipping a selected feature merge	Creating DEM data Creating contour from SRTM DEM data Water shade delineation Digital terrain analysis for watershed characterization Geospatial modelling in watershed management	Introduction to supervised image classification Introduction unsupervised classification Map composition	GEE initial set-up Export and import data Working with image collection in GEE Vector data and charts in GEE
Session - 2	Theory	Concept of scan map Concept of toposheet Concept of satellite image Introduction of DEM	Why georeferencing Importance of georeferencing	Map and design objectives Communication in maps Types of map Single symbol Graduated symbol method	Introduction google earth pro Introduction of different tools in google earth Introduction of KML file	Introduction to contour Introduction to water shade	Concept of mobile geotag Concept of geotag photo Concept of mobile GPS	Valedictory session
	Hands on	Download toposheet Download satellite image Download DEM image	Georeferencing from google earth Image to image georeferencing	Creating maps layout in QGIS Adding map elements Setting up page/paper size for print Export map in various format	Installation process of google earth pro Digitizing in GE Convert KML to shape file Convert shape file to KML file Working with KML file in QGIS	Water shade delineation Digital terrain analysis for watershed characterization Geospatial modelling in watershed management	Geotag in QGIS Data collection using Geotag photos Geotag images in QGIS	

Course content of the Program

Ref. No……………………   Date: ……………

Seven days add on course on OGIS.   Date - 11/03/23

	Name	Student/Scholar	If student mention class	University
1	Susama Jana	Student	6th Sem	
2	Aparajita Manna	Student	6th Sem	
3	Papeya Paul	Student	6th Sem	
4	Madhumita Panda	Student	6th Sem	
5	Sutapa Bera	Student	6th Sem	
6	Amrita Samanta	Student	6th Sem	
7	Nandita Sing	Student	4th Sem	
8	Mousmita Adak	Student	4th Sem	
9	Priti Maji	Student	4th Sem	
10	Tanuva Mondal	Student	4th Sem	
11	Shreyasi Mahapatra	Student	4th sem	
12	Sathi Sasmal	Student	1st Sem	
13	Dipika Manna	Student	1st Sem	
14	Samarpita Samanta	Student	1st sem	
15	Sayani Das	Student	1st Sem	
16	Prity Sing	Student	1st Sem	
17	Shretta Manna	Student	1st Sem	
18	Ankita Dhara	Student	1st Sem	
19	Papiya Bhowmik	Student	1st Sem	
20	Subrata Roy	Student	1st Sem	
21	Sudip Patra	Student	1st Sem	
22	Sayak Chakraborty	Student	1st Sem	
23	Binoy Rana	Student	1st Sem	
24	Ankita Bera	Student	1st Sem	
25	Piyali Samanta	Student	1st Sem	
26	Papiya Ghorai	Student	1st Sem	
27	Chandrima Gayen	Student	1st Sem	
28	Rimpa Rana	Student	1st Sem	
29	Moulami Das	Student	1st Sem	
30	Sonali Mandal	Student	1st Sem	
31	Ankita Samanta	Student	1st Sem	
32	Sushajil Ghorai	Student	6th sem	

1st day Attendence sheets of the participants

SIDDHINATH MAHAVIDYALAYA

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	Name	Student/ Scholar	If student Mention the Class	University
36.	Sangita Roy	Student	4th sem	
37.	Tulsi Paul	Student	4th sem	
38	Rakhi Hait	Student	4th sem	
39.	Troishna Acharya	Student	4th sem	
40	Sayantani Mukherjee	Student	4th sem	
41	Shilpa Adak	Student	4th sem	
42	Sathi Rana	Student		4th sem
43	Sucheta Jana			4th sem
44	Riya Ojha			4th sem.
45	Subrata Raut	Student		JIS univers
46.	Narayan Nayak	Student	4th sem	Siddhinath maha
47.	Rama Malakar	Student		Vidyasagar univ
48	Sumana Mule	Student		Vidyasagar uni
49	Rajesh Samanta	Student		Vidyasagar univ

1st day Attendence sheets of the participants

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Date - 12/03/23

	Name	Student/ Scholar	Semester	University/college
	Sayani Das	Student	1 sem	Siddhinath mahavidyala
	Ankita Samanta	Student	1st Sem	Siddhinath Mahavidyalay
3.	Sayak Chakraborty	Student	1st sem	Siddhinath Maharvidyalaz
4.	Binoy Rana	Student	1st sem	"
5.	Sudip Patra	Student	1st sem	Siddhinath Mahavidjal
6.	Subrata Roy	Student	1st Sem	Siddhinath Mahavidyalay
7.	Papiya Bhowmik	Student	1st Sem	Siddhinadh Mahavidyalaya
8.	Dipina Manna	Student	1st Sem	Siddhinath Mahavidyalay
9.	Sathi Sasmal	Student	1st sem	Siddhinath Mahavedyal
10.	Sathi Rana	Student	4 sem	University
11.	Piyali Samanta	Student	1st sem	Siddhinath Mahavity
12.	Ankita Bera	Student	1st Sem	Siddhinath Mahavidy
13.	Rimpa Rana	Student	1st Sem	Siddhinath Mahavidryala
14.	Papiya Ghorai	Student	1st Sem	Siddhinath Mahavidyalay
15.	Chandrima Grayen	Student	1st sem	Siddhinath Mahavidyala
16.	Priti Meji	Student	4th sem	Siddhinath Mahavidyala
17.	Ankita Dhara	Student	1st Sem	Siddhinath Mahavidyala
18.	Shreya Manna	Student	1st Sem	"
19	Prity Sing	Student	1st Sem	"
20.	Samarpita Samanta	Student	1st sem	Siddhinath Mahavidyal
21	Amrita Samanta	Student	6th sem	"
22	Nandita Sing	Student	4th Sem	"
23	Mayna Dinda	Student	4th Sem	"
24	Movmita Adak	Student	4th Sem	"
25	Aparajita Manna	"	6th sem	"
26	Susama Jana	"	"	"
27	Papeya Paul	Student	6th sem	Siddhinath Mahavidyala
28	Madhumita Pania	Student	6th sem	Siddhinath Mahavidyala
29	Riya Ojha	Student	4th sem	4th sem universi
30.	Shilpa Adak	Student	4th sem	Siddhinath Mahavidya
31	Sayantani Mukherjee	Student	4th Sem	"
32	Trishna Acharya	Student	4th sem	"

2nd day Attendence sheets of the participants

36.	Ankita Das.	Student	6th sem	Siddhinath Mahavidy
37.	Aniket Manna	Student	4th sem	,,
38	Sutopa Bera	Student	6th Sem	,,
39	Subrata Raut	Student	2nd year	JIS/ University
40	Subhajit Ghorai	Student	3rd yr	Siddhinath Mahavidya
41	Narayan Nayak	Student	4th sem	,,
42	Adarsha Ghorai	Student	4th sem	,,
43	Moulami Das	Student	1st sem	Siddhinath Mahavid
44.	Sonali Mandal	Student	1st sem	Siddhinath Mahavidy
45	Sucheta Jana	Student	4th sem	Vidyasagar University
46.	Tanuva Mondal	Student	4th Sem	Siddhinath Mahavidya
47	Shreyasi Mahapatra	Student	4th sem	,,
48.	Rama Malakar	Student		Vidyasagar universit
49.	Sumana Mula	Student		Vidyasagar univers
50.	Rajesh Samanta	Student		Vidyasagar universit

2nd day Attendence sheets of the participants

Date - 13/03/2023

No.	Name	Student/ Scholars	Semester	University/collage
1.	Sathi Rana	Student	4th Sem	University
2.	Dipika Manna	Student	1st Sem	Siddhinath Mahavidyalaya
3.	Sathi Sasmal	Student	1st Sem	"
4.	Shreya Manna	Student	1st Sem	"
5.	Ankita Dhara	Student	1st Sem	"
6.	Susama Jana	"	6th Sem	"
7.	Aparajita Manna	Student	6th Sem	Siddhinath Mahavidyalaya.
8.	Madhumita Panja	"	"	"
9.	Papeya Paul	student	6th sem	Siddhinath mahavidyalaya
10.	Amrita Samanta	Student	6th Sem	Siddhinath mahavidyalaya
11.	Nandita Sing	Student	4th Sem.	Siddhinath Mahavidyalaya.
12.	Mayna Dimda	Student	4th Sem	Siddhinath Mahavidyalaya
13.	Mousrita Adak	"	4th Sem	"
14.	Rimpa Rana	"	1st Sem	" " " "
15.	chandrima Grayen	"	1st Sem	" " " "
16.	Samarpita Samanta	"	1st Sem	" " " "
17.	Papiya Ghorai	student	1st Sem	Siddhinath Mahavidyalaya
18.	Sudip Patra	Student	1st Sem	Siddhinath Mahavidyalaya
19.	Subrata Ray	student	4th sem	Siddhinath Mahavidyalaya
19.	Prity Sing	Student	1st Sem	" " "
20.	Sanak chakraborty	Student	1st Sem	" " "
21.	Bingy Rana	student	1st sem	"
22.	Ampita Bera	Student	1st Sem	"
23.	Piyali Samanta	Student	1st sem	"
24.	Ankita Samanta	Student	1st Sem	Siddhinath Mahavidyalaya
25	Sayani Das	student	1st sem	"
26.	Priti Maji	Student	4th Sem	Siddhinath Mahavidyalaya
27.	Tanuva Mondal	Student	4th Sem	siddhinath Mahavidyalaya
28.	Sucheta Jana	Student	4th Sem	Vidyasagar university
29.	Sonali Mandal	Student	1st Sem	Siddhinath Mahavidylaya
30.	Moulami Das	Student	1st sem	Siddhinath Mahavidylay
31.	Adarsha Growri	student	4th sem	"

3rd day Attendence sheets of the participants

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				Jis university
34.	Subrata Raut	Student	2nd Jear	Siddhinath Mahavid
35.	Ankita Das.	Student	6th sem	Siddhinath Mahavid
36.	Sangita Roy	Student	4th sem	Siddhinath Mahavid
37.	Aniket Manna	Student	4th sem	Siddhinath Mahavidal
38	Sutapa Bera	Student	6th Sem	Siddhinath Mahavidal
39	Sayantani Mukherji	"	4thSem	"
40	Trishna Acharya	"	4th sem	"
41	Rakai Halt	Student	4thsem	Siddhinath Mahavidula
42	Tulsi Paul	Student	4th sem	"
43	Riya Oiha	Student	4th sem	university
44	Shilpa Adak	Student	4th sem	Siddhinath Mahavidya
45	Say			vidyasagar university
45.	Rama Malakar	Student		vidyasagar vniveri
46.	Sumana Mula	Student		vidyasagar universi
47.	Rajesh Samanta	Student		

3rd day Attendence sheets of the participants

Seven days Addon Course on Logic.
Date - 11th March - 13 March and 18th March- 21 March

	18/03/2023	19/03/2023	20/03/2023	21/03/23
	Adarsha Gowri	Papeya Paul	Amrita Samanta	Adarsha Gowri
	Narayan Nayak	Aparajita Manna	Nandita Sing	Subhajit Ghorai
3.	Tanuva Mondal	Susama Jana	Mayna Dinda	Narayan Nayak
04.	Priti Maji	Madhumita Panja	Aparajita Manna.	Priti Maji
05.	Aniket Manna	Amrita Samanta	Susama Jana	Aniket Manna
06.	Ankita Das.	Mousrita Adak	Madhumita Panja	Sutopa Bera
07.	Sangita Roy	Adarsha Gowri	Shreyasi Mahapatra	Ankita Das
08	Tulsi Paul	Ankita Das.	Tanuva Mondal	Sangita Roy
09	Rakhi Hait	Sangita Roy	Trishna Acharya	Tulsi Paul
10	Trishna Acharya	Sutopa Bera	Tulsi Paul	Rakhi Hait
11	Sathi Rana	Sathi Rana	Rakhi Hait	Trishna Acharya
12	Sayantani Mukherjee	Rakhi Hait	Sathi Rana	Sayantani Mukherjee
13	Shilpa Adak	Shilpa Adak	Shilpa Adak	Shilpa Adak
14	Riya Ojha	Tulsi Paul.	Sutopa Bera	Aparajita Manna
15	Madhumita Panja	Riya Ojha	Narayan Nayak	Tanuva Mondal
16	Papeya Paul	Trishna Acharya	Sayantani Mukherjee	Shreyasi Mahapatra
17.	Aparajita Manna	Sayantani Mukherjee	Sangita Roy	Madhumita Panja
18.	Subhajit Ghorai	Tanuva Mondal	Mousrita Adak	Papeya Paul
19.	Susama Jana	Mayna Dinda	Adarsha Gowri	Susama Jana
20.	Mousrita Adak	Nandita Sing	Aniket Manna	Mousrita Adak
21.	Mayna Dinda	Subrata Roy	Sayak Chakraborty	Mayna Dinda
22.	Nandita Sing	Binoy Rana	Papiya Bhowmik	Nandita Sing
23.	Amrita Samanta	Sayak Chakraborty	Sudip Patra	Amrita Samanta
24.	Subrata Rauf.	Sudip Patra	Subrata Roy	Subrata Roy
25.	Subhajit Ghorai	Chandrima Gayen	Binoy Rana	Binoy Rana
26.	Sucheta Jana	Sucheta Jana	Sucheta Jana	Sayak Chakraborty
27	Shreyasi Mahapatra	Shreyasi Mahapatra	Shreya Manna	Sudip Patra
28.	Rama Malakaro	Rama Malakaro	Rana Malakaro	Ankita Dhara
29.	Sumana Mula	Sumana Mula	Sumana Mula	Rimpa Rana.
30.	Rajesh Samanta	Rajesh Samanta	Rajesh Samanta.	Papiya Ghorai
31.	Sutopa Bera	Subrata Rauf	Ankita Dhara	Chandrima Gayen
32.	Subrata Roy	Subhajit Ghorai	Rimpa Rana	Papiya Bhowmik

4th, 5th, 6th & 7th day Attendence sheets of the participants

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· 18.03.2023	19.03.2023	20.03.2023	21.03.2023
36. Ankita Dhara	Prity Sing	Samarpita Samanta	Ampita Berra
37. Rimpa Roma.	Moulami Das	Dipika Manna	Prity Sing
38. Papiya Ghorai	Sayani Das	Ampita Berra	Dipika Manna
39. chandrima Gaya	Dipika Manna	Moulami Das	Sayani Das
40. Papiya Bhowmik	Ampita Berra	Prity Sing	Moulami Das
41. Shreya Manna	Samarpita Samanta	Sayani Das	Samarpita San
42. Dipika Manna	Piyali Samanta	Piyali samanta	Piyali samanta
43. Prity Sing	Sonali Mandal	Sonali Mandal	Sonali Mand
44. Sayani Das			Sucheta Jana
45. Samarpita Samanta			Rama Malakar
46. Piyali samanta			Sumana mu
47. Ampita Berra			Rajesh Saman
48. Moulami Das			
49. Sonali Mandal			

4th, 5th, 6th & 7th day Attendence sheets of the participants

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Photograph of the workshop

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