Report On
Landslide and Its Causes, Consequennces & Management :
A Study in Some Parts of Sikkim Himalayas



B.SC HONOURS (GEOGRAPHY) SEMESTER - VI

REG. NO:- 1520128 OF 2020 - 2021

ROLL NO:- 1126152 - 200002

Phone: 9434023761 / 9732960309



SWARNAMOYEE JOGENDRANATH MAHAVIDYALAYA

Govt. Aided General Degree College | Estd.: 2014 P.O.: Amdabad, P.S.: Nandigram, Dist.: PurbaMedinipur, PIN 721650 www.amdabadcollege.in| Email: sjmahavidyalaya@gmail.com

Certificate

To whom it may concern

This is to certify that Gayottai Sheet Roll 1126152 No. 200002 Registration No. 1520128 of 2020 - 2021
Roll 1126152 No. 200002 Registration No. 1520128 of 2020 - 2021
student of B. Sc., Sem-VI, Geography Honours of Swarnamoyee Jogendranath Mahavidyalaya for the session 2022-23; submitted his/her project report entitled as landslide and its causes: Consequence and management; A study in some parts of sixking Himaloyas.
for partial fulfilment of the syllabus prescribed by Vidyasagar University. The
report has been prepared under the supervision of Miss Arpita Majumder and
may be placed before examiner for evaluation.

Date: / /2023

Dr. Ratan Kumar Samanta

Principal

S.J. Mahavidiyalaya

Principal

Swarnamoyee Jogendranath Mahavidyalaya

Mr. Aparesh Mandal

Assistant Professor & Head

Dept. of Geography

S.J. Mahavidyalaya

S.J. Mahavidyalaya

Supervisor

Miss Arpita Majumder

Assistant Professor

Dept. of Geography

S.J. Mahavidyalaya

Department of Geography Department of Geography S.J. Mahavidyalaya

Report On Landslide and Its Causes, Consequennces & Management : A Study in Some Parts of Sikkim Himalayas



B.SC HONOURS (GEOGRAPHY) SEMESTER - VI

REG. NO:- 1520129 OF 2020 - 2021

ROLL NO:- 1126152 - 200003



Govt. Aided General Degree College | Estd.: 2014
P.O.: Amdabad, P.S.: Nandigram, Dist.: PurbaMedinipur, PIN 721650
www.amdabadcollege.in| Email: sjmahavidyalaya@gmail.com

Certificate

To whom it may concern

This is to certify that Kushna Kayal
Roll 126152 No. 200003, Registration No. 1520129 of 200 -2021
student of B. Sc., Sem-VI, Geography Honours of Swarnamoyee Jogendranath Mahavidyalaya for the session 2022-23; submitted bis/her project report entitled as handslide and its causes. Consequence and
management: A Study in some parts of Sikking
Himalayas.
for partial fulfilment of the syllabus prescribed by Vidyasagar University. The
report has been prepared under the supervision of Miss Arpita Majumder and
may be placed before examiner for evaluation.

Date: / /2023

Bang. 08.23

Dr. Ratan Kumar Samanta

Principal

S.J. Mahavidiyalaya

Principal
warnamovee Josephranath

Swarnamoyee Jogendranath Mahavidyalaya Amdabad :: Purha Medinipur :: Pin-721650 Mr. Aparesh Mandal

Assistant Professor & Head

Dept. of Geography

S.J. Mahavidyalaya

Department of Geography S.J. Mahavidyalaya

Supervisor

affindight 3

Miss Arpita Majumder

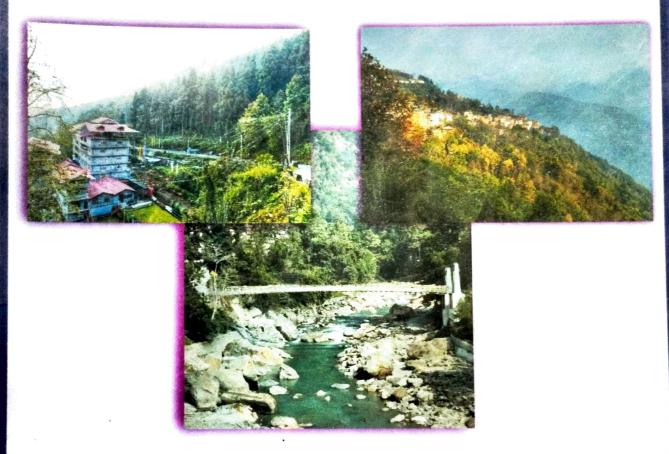
Assistant Professor

Dept. of Geography

S.J. Mahavidyalaya

Department of Geography S.J. Mahavidyalaya

Report On
Landslide and Its Causes, Consequennces & Management :
A Study in Some Parts of Sikkim Himalayas



B.SC HONOURS (GEOGRAPHY) SEMESTER - VI

REG. NO:- 1520130 OF 2020 - 2021

ROLL NO:- 1126152 - 200004





Principal

Swarnamoyee Jogendranath Mahavidyalaya

Amriahad .. Dirha Mad-

SWARNAMOYEE JOGENDRANATH MAHAVIDYALAYA

Govt. Aided General Degree College | Estd.: 2014
P.O.: Amdabad, P.S.: Nandigram, Dist.: PurbaMedinipur, PIN 721650
www.amdabadcollege.in| Email: sjmahavidyalaya@gmail.com

Certificate

To whom it may concern

This is to certify that Me	tali Bera	
Roll 1126152 No. 2000	04, Registration No. 15 2013	30 of 2020 - 2021,
Mahavidyalaya for the se	Geography Honours of Sw ession 2022-23; submitted and its causes, C	his/her project report
	tudy in some par	
Himalayas.		
for partial fulfilment of the	syllabus prescribed by Vidya	sagar University. The
report has been prepared u	nder the supervision of Miss	Arpita Majumder and
may be placed before exam	iner for evaluation.	
Date: 08/08/2023		
		Supervisor
Banar 09.08.	23 AHON 5/8/23	· 41.
Damars 07,08,	810.	18/23
Dr. Ratan Kumar Samanta	Mr. Aparesh Mandal	Miss Arpita Majumder
Principal	Assistant Professor & Head	Assistant Professor
S.J. Mahavidiyalaya	Dept. of Geography	Dept. of Geography

S.J. Mahavidyalaya

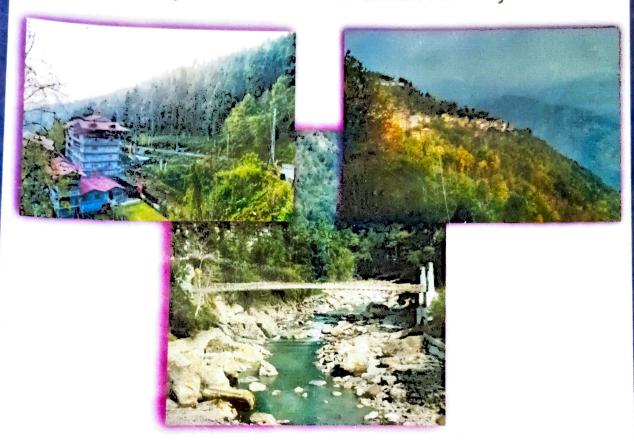
S.J. Mahavidyalaya

S.J. Mahavidyalaya

S.J. Mahavidyalaya

Department of Geography Department of Geography

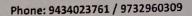
Report On
Landslide and Its Causes, Consequennces & Management :
A Study in Some Parts of Sikkim Himalayas



B.SC HONOURS (GEOGRAPHY) SEMESTER - VI

REG. NO:- 1520131 OF 2020 - 2021

ROLL NO: - 1126152 - 200005





S

N

>

3

2

SWARNAMOYEE JOGENDRANATH MAHAVIDYALAYA

Govt. Aided General Degree College | Estd.: 2014
P.O.: Amdabad, P.S.: Nandigram, Dist.: PurbaMedinipur, PIN 721650
www.amdabadcollege.in| Email: sjmahavidyalaya@gmail.com

Certificate

To whom it may concern

This is to certify that Moumita Giri		
Roll 1126152 No. 200005 Registration No. 1520131 of 2020-2021,		
student of B. Sc., Sem-VI, Geography Honours of Swarnamoyee Jogendranath Mahavidyalaya for the session 2022-23; submitted his/her project report entitled as Landslide and its causes, consequence and		
monogement: A study in some Ports of Sikkim		
Himaloyes.		

for partial fulfilment of the syllabus prescribed by Vidyasagar University. The report has been prepared under the supervision of Miss Arpita Majumder and may be placed before examiner for evaluation.

Date: 08/08/2023

Baman 09.08.23

Dr. Ratan Kumar Samanta

Principal

S.J. Mahavidiyalaya

Principal
Swarnamoyee Jogendranath Mahavidyalaya
Amdabad :: Purba Medinipur :: Pin-721650

Ano 1818123.

Mr. Aparesh Mandal

Assistant Professor & Head

Dept. of Geography

S.J. Mahavidyalaya

Department of Geography S.J. Mahavidyalaya Supervisor

Hojumdy 123

Miss Arpita Majumder

Assistant Professor

Dept. of Geography

S.J. Mahavidyalaya

Department of Geography S.J. Mahavidyalaya

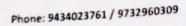
Report On
Landslide and Its Causes, Consequennces & Management :
A Study in Some Parts of Sikkim Himalayas



B.SC HONOURS (GEOGRAPHY) SEMESTER - VI

REG. NO:- 1520135 OF 2020 - 2021

ROLL NO:- 1126152 - 200009





Govt. Aided General Degree College | Estd.: 2014
P.O.: Amdabad, P.S.: Nandigram, Dist.: PurbaMedinipur, PIN 721650
www.amdabadcollege.in| Email: simahavidyalaya@gmail.com

Certificate

To whom it may concern

This is to certify that Posch Scraped

Roll 1126192 No. 20000 9 Registration No. 1520135 of 2020-2021

student of B. Sc., Sem-VI, Geography Honours of Swarnamoyee Jogendranath Mahavidyalaya for the session 2022-23; submitted his/her project report

entitled as Londslike and its couses, consequences and pronogment: A study in souther posts of Sikking Homaloyos.

for partial fulfilment of the syllabus prescribed by Vidyasagar University. The report has been prepared under the supervision of Miss Arpita Majumder and may be placed before examiner for evaluation.

Date: / /2023

Bamarg. 08.23

Dr. Ratan Kumar Samanta

Principal

S.J. Mahavidiyalaya

Principal
Swarnamoyee Jogendranath Mahavidyalaya
Amdabad :: Purba Medininur :: Pin-721650

Mr. Aparesh Mandal

Assistant Professor & Head

Dept. of Geography

S.J. Mahavidyalaya

Department of Geography S.J. Mahavidyalaya Supervisor

Hajunder 8/8/23

Miss Arpita Majumder

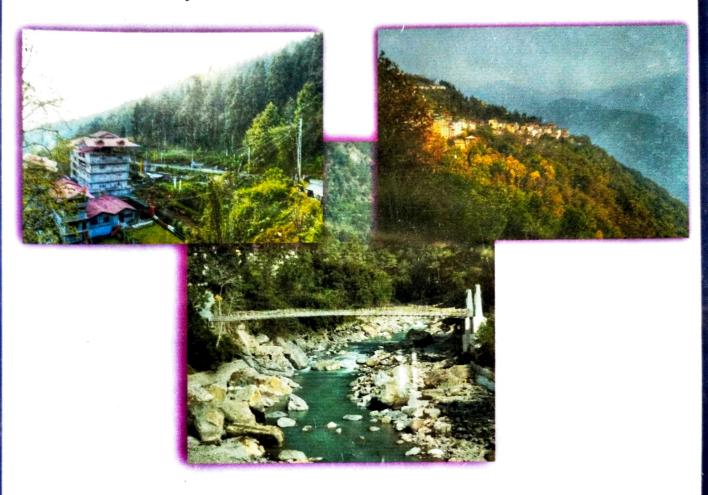
Assistant Professor

Dept. of Geography

S.J. Mahavidyalaya

Department of Geography S.J. Mahavidyalaya

Report On
Landslide and Its Causes, Consequennces & Management :
A Study in Some Parts of Sikkim Himalayas



B.SC HONOURS (GEOGRAPHY) SEMESTER - VI

REG. NO:- 1520136 OF 2020 - 2021

ROLL NO: 1126152 - 200010



Swarnamoyee Jogendranath Mahavidyalaya Amdabad :: Purba Medinipur :: Pin-721650

SWARNAMOYEE JOGENDRANATH MAHAVIDYALAYA

Govt. Aided General Degree College | Estd.: 2014
P.O.: Amdabad, P.S.: Nandigram, Dist.: PurbaMedinipur, PIN 721650
www.amdabadcollege.in| Email: sjmahavidyalaya@gmail.com

Certificate

To whom it may concern

This is to certify that Sa^{α}	mba Rana	
Roll 1126152 No. 200010	Registration No. 152013	6 of 2020-2021
student of B. Sc., Sem-VI, C. Mahavidyalaya for the ses entitled as Landslide management: A	Geography Honours of Swa	rnamoyee Jogendranath bis/her project report Con sequence and
Himalayas.	Sittley I'll Some I	13 0]
for partial fulfilment of the syreport has been prepared unmay be placed before examin	der the supervision of Miss	
Date: 08/08 /2023		
Bamare 09.08.23	They 818/23.	Supervisor Hajundu \$/8/23
Dr. Ratan Kumar Samanta	Mr. Aparesh Mandal	Miss Arpita Majumder
Principal	-Assistant Professor & Head	Assistant Professor
S.J. Mahavidiyalaya	Dept. of Geography	Dept. of Geography
Principal	S.J. Mahavidyalaya	S.J. Mahavidyalaya

S.J. Mahavidyalaya

Department of Geography Department of Geography

S.J. Mahavidyalaya

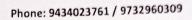
Report On Landslide and Its Causes, Consequennces & Management : A Study in Some Parts of Sikkim Himalayas



B.SC HONOURS (GEOGRAPHY) SEMESTER - VI

REG. NO:- 1520138 OF 2020 - 2021

ROLL NO: 1126152 - 200012





Govt. Aided General Degree College | Estd.: 2014 P.O.: Amdabad, P.S.: Nandigram, Dist.: PurbaMedinipur, PIN 721650 www.amdabadcollege.in | Email: sjmahavidyalaya@gmail.com

Certificate

To whom it may concern

This is to certify that Somospee Das
Roll 1126152 No. 200012 Registration No. 1520138 of 2020 - 2021
student of B. Sc., Sem-VI, Geography Honours of Swarnamoyee Jogendranath Mahavidyalaya for the session 2022-23; submitted his/her project report entitled as Landslide and Its causes, consequences and
management: A study in some parts of Sikkim Himalayas.
for partial fulfilment of the syllabus prescribed by Vidyasagar University. The
report has been prepared under the supervision of Miss Arpita Majumder and
may be placed before examiner for evaluation.

Date: 08/08/2023

Dr. Ratan Kumar Samanta

Principal

. S.J. Mahavidiyalaya

Principal

Swarnamoyee Jogendranath Mahavidyalaya Amdabad :: Purba Medinipur :: Pin-721650

Mr. Aparesh Mandal

Assistant Professor & Head

Dept. of Geography.

S.J. Mahavidyalaya

S.J. Mahavidyalaya

Supervisor

Miss Arpita Majumder

Assistant Professor

Dept. of Geography

S.J. Mahavidyalaya

Department of Geography Department of Geography S.J. Mahavidyalaya

Report On
Landslide and Its Causes, Consequennces & Management :
A Study in Some Parts of Sikkim Himalayas



B.SC HONOURS (GEOGRAPHY)
SEMESTER - VI

REG. NO:- 1520139 OF 2020 - 2021

ROLL NO:- 1126152 - 200013





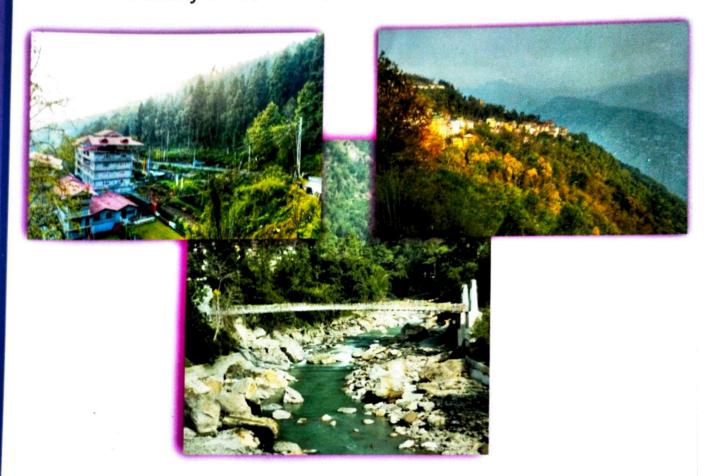
Govt. Aided General Degree College | Estd.: 2014
P.O.: Amdabad, P.S.: Nandigram, Dist.: PurbaMedinipur, PIN 721650
www.amdabadcollege.in| Email: sjmahavidyalaya@gmail.com

Certificate

To whom it may concern

This is to certify that		
Roll 1126152 No. 200013	3, Registration No. 152013	39 of 2020-2021
Mahavidyalaya for the se	Geography Honours of Swa ession 2022-23; submitted and 計る Causes, Co	his/her project report on sequences &
Management: A	Study in some para	ts of bikkim
Himorayas	·	
for partial fulfilment of the s	syllabus prescribed by Vidyas	sagar University. The
•	nder the supervision of Miss	
		,
may be placed before exami	mer for evaluation.	
Date: 08/08/ 2023		
Date: 08/08/ 2023		Supervisor
Date: 08/08/2023	Ario 21,	Supervisor Aajumdu 8/8/23
	Mr. Aparesh Mandal	
Bana 23	816.	Hajunder 8/8/23
Dr. Ratan Kumar Samanta	Mr. Aparesh Mandal	Hajumder 8/8/23 Miss Arpita Majumder

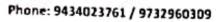
Report On
Landslide and Its Causes, Consequennces & Management :
A Study in Some Parts of Sikkim Himalayas



B.SC HONOURS (GEOGRAPHY) SEMESTER - VI

REG. NO:- 1520142 OF 2020 - 2021

ROLL NO:- 1126152 - 200016





Govt. Alded General Degree College | Estd.: 2014
P.O.: Amdabad, P.S.: Nandigram, Dist.: PurbaMedinipur, PIN 721650
www.amdabadcollege.in| Email: sjmahavidyalaya@gmail.com

Certificate

To whom it may concern

This is to certify thatSc	lata Jona	
Roll 1126152 No. 2000	6 Registration No. 1520 1 12	of 2020-2021
Mahavidyalaya for the se	Geography Honours of Swassion 2022-23; submitted	Ms/her project report
monagement: A	Study in some Par	nds ob sikkim
Himalogas.		
for partial fulfilment of the	syllabus prescribed by Vidya	sagar University. The
report has been prepared u	nder the supervision of Miss	Arpita Majumder and
may be placed before exami	ner for evaluation.	
Date: 08/08/2023		
	22:02	Supervisor
Bang 8 .08.23	Jrack 1815.	Hojunder 8/8/23
Dr. Ratan Kumar Samanta	Mr. Aparesh Mandal	Míss Arpita Majumder
Principal	Assistant Professor & Head	Assistant Professor
S.J. Mahavidiyalaya	Dept. of Geography	Dept. of Geography
Principal enamoyee Jogendranath Mahavidyalaya vishad :: Pirtia Meditininir Pin.721650	S.J. Mahavidyalaya Department of Geography S.J. Mahavidyalaya	S.J. Mahavidyalaya Department of Geograph S.J. Mahavidyalaya

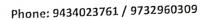
Report On Landslide and Its Causes, Consequennces & Management : A Study in Some Parts of Sikkim Himalayas



B.SC HONOURS (GEOGRAPHY) SEMESTER - VI

REG. NO:- 1520143 OF 2020 - 2021

ROLL NO:- 1126152 - 200017





Govt. Aided General Degree College | Estd.: 2014
P.O.: Amdabad, P.S.: Nandigram, Dist.: PurbaMedinipur, PIN 721650
www.amdabadcollege.in| Email: sjmahavidyalaya@gmail.com

<u>Certificate</u>

To whom it may concern

This is to certify that Sumon Dogna
Roll 1126152 No. 200017, Registration No. 1520143 of 2020-21,
student of B. Sc., Sem-VI, Geography Honours of Swarnamoyee Jogendranath Mahavidyalaya for the session 2022-23; submitted his/her project report entitled as Landslide and Its couses, Consequences and
Management: A Study in Some pants of sikkim
Himalayas
for partial fulfilment of the syllabus prescribed by Vidyasagar University. The
report has been prepared under the supervision of Miss Arpita Majumder and
may be placed before examiner for evaluation.
선생님이 아이들 아이들 사람들이 아름다면 하는 것이 되었다. 사람들이 아무리 아이들이 되었다.

Date: 08/08/2023

Dr. Ratan Kumar Samanta

Dr. Ratan Kumai Saman

Principal
S.J. Mahavidiyalaya

Principal
Swamamoyee Jogendranath Mahavidyalaya
Amdabad :: Purba Medininur :: Pin.701650

Mr. Aparesh Mandal

Assistant Professor & Head

Dept. of Geography

S.J. Mahavidyalaya

Department of Geography S.J. Mahavidyalaya

Supervisor

Miss Arpita Majumder

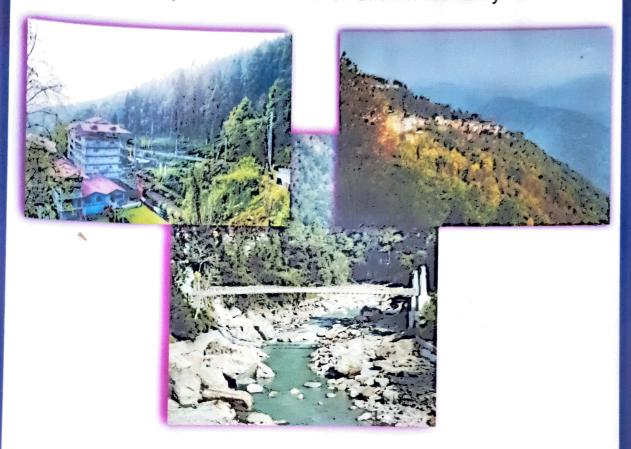
Assistant Professor

Dept. of Geography

S.J. Mahavidyalaya

Department of Geography S.J. Mahavidyalaya

Report On
Landslide and Its Causes, Consequennces & Management :
A Study in Some Parts of Sikkim Himalayas



B.SC HONOURS (GEOGRAPHY)
SEMESTER - VI

REG. NO:- 1520144 OF 2020 - 2021

ROLL NO:- 1126152 - 200018



Govt. Alded General Degree College | Estd.: 2014 P.O.: Amdabad, P.S.: Nandigram, Dist.: PurbaMedinipur, PIN 721650 www.amdabadcollege.in| Email: simahavidyalaya@gmail.com

Certificate

To whom it may concern

This is to certify that Supriya Khatua Roll 1126 152 No. 200018, Registration No. 1520 144 of 2050-2051
Roll 1126 152 No. 2000 18, Registration No. 1520 194 of 2020, student of B. Sc., Sem-VI, Geography Honours of Swarnamoyee Jogendranath Mahavidyalaya for the session 2022-23; submitted his/her project report entitled as Landsude and its causes, consequencls of Management: A Study in some pants of Sikkim
Himologo. for partial fulfilment of the syllabus prescribed by Vidyasagar University. The report has been prepared under the supervision of Miss Arpita Majumder and may be placed before examiner for evaluation.

Date:08 /68/2023

Dr. Ratan Kumar Samanta

Principal

S.J. Mahavidiyalaya

Principal

Swarnamoyee Jogendranath Mahavidyalaya Amdabad :: Purba Medinipur :: Pin-721650

Mr. Aparesh Mandal

Assistant Professor & Head

Dept. of Geography

S.J. Mahavidyalaya

S.J. Mahavidyalaya

Supervisor

Miss Arpita Majumder

Assistant Professor

Dept. of Geography

S.J. Mahavidyalaya

Department of Geography Department of Geography S.J. Mahavidyalaya

Report On

Landslide and Its Causes, Consequennces & Management :
A Study in Some Parts of Sikkim Himalayas



B.SC HONOURS (GEOGRAPHY) SEMESTER - VI

REG. NO:- 1520145 OF 2020 - 2021

ROLL NO:- 1126152 - 200019

Phone: 9434023761 / 9732960309



SWARNAMOYEE JOGENDRANATH MAHAVIDYALAYA

Govt. Aided General Degree College | Estd.: 2014

P.O.: Amdabad, P.S.: Nandigram, Dist.: PurbaMedinipur, PIN 721650 www.amdabadcollege.in| Email: sjmahavidyalaya@gmail.com

Certificate

To whom it may concern

This is to certify that Sus	mita Gini	
Roll 1126152 No. 200019	Registration No. 15201	15 of 2020-2021,
student of B. Sc., Sem-VI, Go Mahavidyalaya for the sess entitled as Landslide management: A S	sion 2022-23; submitted and its causes,	l his/her project report Consequence and
Himalayas.		,
for partial fulfilment of the syl	llabus prescribed by Vidya	asagar University. The
report has been prepared und	ler the supervision of Miss	s Arpita Majumder and
may be placed before examine	er for evaluation.	
Date: 08/08 /2023		
	77.	Supervisor
Bang, 08.23	Are 2/8/23 -	Hojungler 3
Dr. Ratan Kumar Samanta	Mr. Aparesh Mandal	Miss Arpita Majumder

Principal

S.J. Mahavidiyalaya

Principal

Swarnamoyee Jogendranath Mahavidyalaya Amdabad :: Purba Medinipur :: Pin-721650

Assistant Professor & Head

Dept. of Geography

S.J. Mahavidyalaya

S.J. Mahavidyalaya

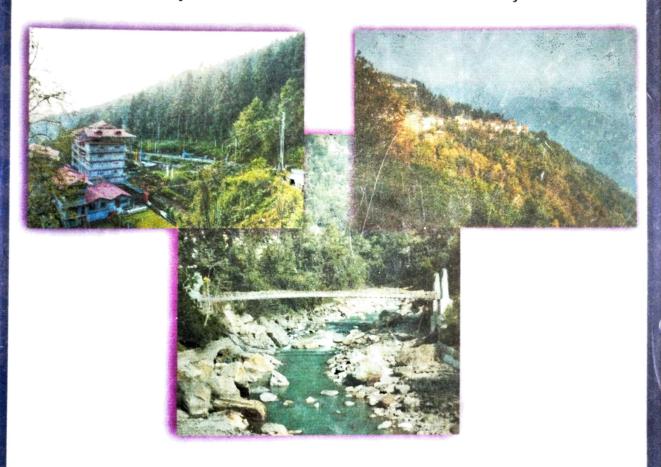
Assistant Professor

Dept. of Geography

S.J. Mahavidyalaya

Department of Geography Department of Geography S.J. Mahavidyalaya

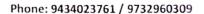
Report On
Landslide and Its Causes, Consequennces & Management :
A Study in Some Parts of Sikkim Himalayas



B.SC HONOURS (GEOGRAPHY)
SEMESTER - VI

REG. NO: - 1520147 OF 2020 - 2021

ROLL NO:- 1126152 - 200021



S.J. Mahavidyalaya

S.J. Mahavidyalaya

Department of Geography Department of Geography



Principal

Swarnamoyee Jogendranath Mahavidyalaya

Amdabad :: Purba Medinipur :: Pin-721650

SWARNAMOYEE JOGENDRANATH MAHAVIDYALAYA

Govt. Aided General Degree College | Estd.: 2014
P.O.: Amdabad, P.S.: Nandigram, Dist.: PurbaMedinipur, PIN 721650
www.amdabadcollege.in| Email: sjmahavidyalaya@gmail.com

Certificate

To whom it may concern

This is to certify that Science y Mondal			
Roll 1/28/52 No. 20002	Negistration No.152014	t of 2020-21	
student of B. Sc., Sem-VI, Company Mahavidyalaya for the sest entitled as LandShid	sion 2022-23; submitted	his/her project report WSCS, CONSCLUCIO	
and management: A study in some parts o			
sikkim Himal	-		
for partial fulfilment of the sy	yllabus prescribed by Vidyas	agar University. The	
report has been prepared un	der the supervision of Miss	Arpita Majumder and	
may be placed before examin	ner for evaluation.		
Date: % / \% /2023			
	21:23	Supervisor	
Bamaro 9.08.2	3 Tho 1818153	Hajungler	
Dr. Ratan Kumar Samanta	Mr. Aparesh Mandal	Miss Arpita Majumder	
Principal	Assistant Professor & Head	Assistant Professor	
S.J. Mahavidiyalaya	Dept. of Geography	Dept. of Geography	

S.J. Mahavidyalaya

S.J. Mahavidyalaya