



MAHESHTALA COLLEGE

BUDGE BUDGE TRUNK ROAD

KOLKATA-700139

Affiliated to University of Calcutta, Kolkata

Mobile No.: 033-24905010 / 7439501363 /6289482452

Key Indicator – 7.1

Criterion 7

7.1.2 The Institution has facilities for alternate sources of energy and energy Conservation measures:



www.maheshtalacollege.ac.in



maheshtalacollege@yahoo.com



MAHESHTALA COLLEGE


BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139
E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
☎: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures:

The Institution has facilities and initiatives for:

1) Alternate sources of energy and energy conservation measures

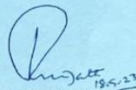
Energy Audit Certificate issued by PCRA

 पेट्रोलियम संरक्षण अनुसंधान संघ (पेट्रोलियम एवं प्राकृतिक गैस मंत्रालय, भारत सरकार) इंडियन ऑयल भवन, 6वां तल, 2, गरियाहाट रोड, (दक्षिण) धाकुरिया, कोलकाता - 700 068	PETROLEUM CONSERVATION RESEARCH ASSOCIATION (Ministry of Petroleum & Natural Gas, Govt. of India) Indian Oil Bhawan, 6th Floor, 2, Gariahat Road, (South) Dhakuria, Kolkata - 700 068
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------


TO WHOM IT MAY CONCERN

This is to certify that MAHESHTALA COLLEGE Budge Budge Trunk Road, Maheshtala, Kolkata-139 has been had requested PCRA to conduct an energy audit and based on the request, PCRA independently assessed the location and carried out energy audit. We found to that Maheshtala College has been following energy efficient practices.

The energy audit was conducted by Mr. Abhishek Daga (EA-34638/21) on 10/01/2022 and the location had shown keen interest in improving baseline of the location.


18.05.23
RAJ NARAYAN DATTA
Chief Regional Coordinator
PCRA-ER

Date: 18/05/2023
Place: Kolkata



फोन / Phone : 2414-5092 / 5117 / 5087 • ई-मेल / E-mail : pcaer@pcra.org • वेबसाइट / Website : <http://www.pcr.org/>



RDas

DR. RUMPA DAS
Principal
Maheshtala College
Kolkata-7000139



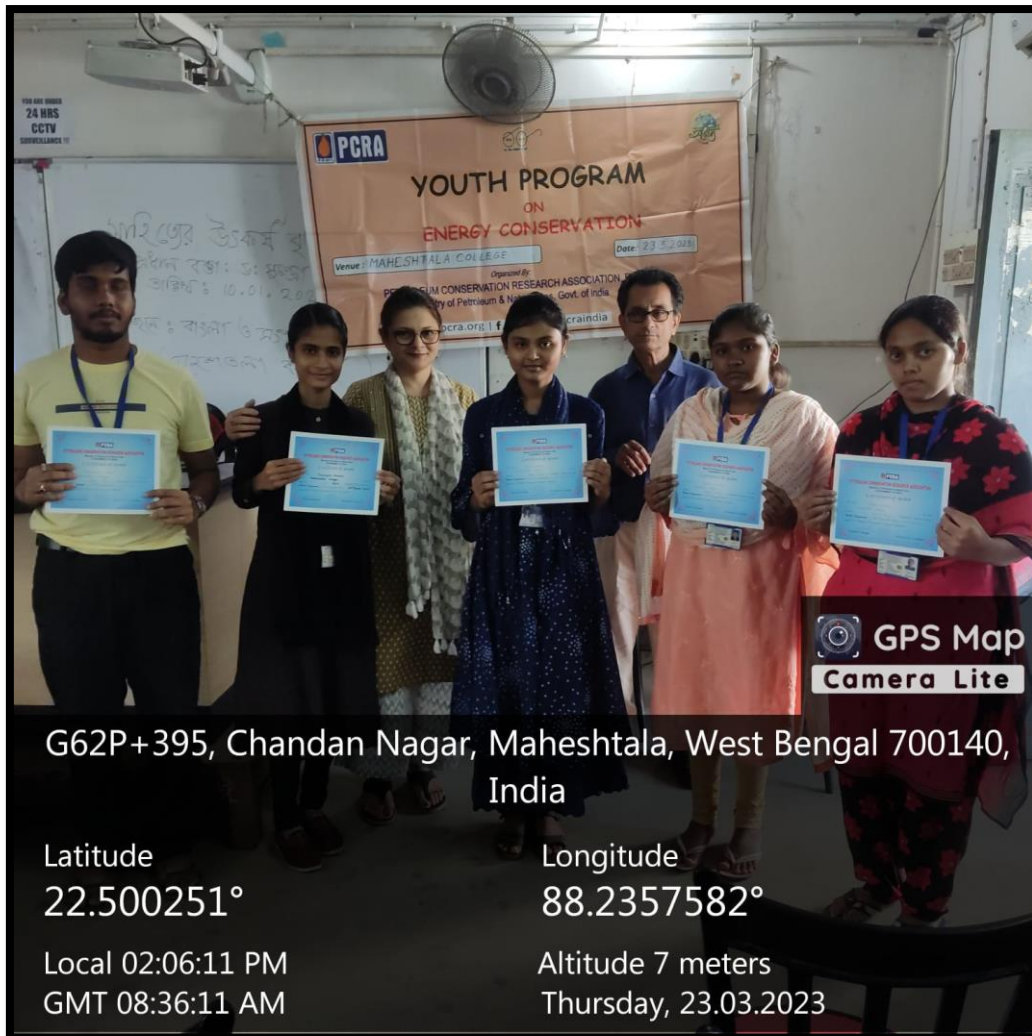
MAHESHTALA COLLEGE

BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139
E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com

☎: 6289482452 (Office)

Website: www.maheshtalacollege.ac.in

Youth Program on Energy Conservation Conducted by PCRA



G62P+395, Chandan Nagar, Maheshtala, West Bengal 700140, India

Latitude
22.500251°

Local 02:06:11 PM
GMT 08:36:11 AM

Longitude
88.2357582°

Altitude 7 meters
Thursday, 23.03.2023



R Das

DR. RUMPA DAS
Principal
Maheshtala College
Kolkata-700139



MAHESHTALA COLLEGE

BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139
E-mail: maheshtalacollege@yahoo.com / principal.maheshtalacollege@gmail.com

☎: 6289482452 (Office)

Website: www.maheshtalacollege.ac.in

a) Energy conservation measures undertaken by the college using LED bulbs and tubes

LED tubes installed in Computer Science Laboratory



RDas
DR. RUMPA DAS
Principal
Maheshtala College
Kolkata-7000139



MAHESHTALA COLLEGE

BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139
 E-mail: maheshtalacollege@yahoo.com / principal.maheshtalacollege@gmail.com

☎: 6289482452 (Office)

Website: www.maheshtalacollege.ac.in

Few Bills for purchase of LED bulbs and tubes during the last three years

ESTIMATE

NAME: _____ DATE: 11/12/2021

QTY.	ITEM	RATE	AMOUNT
932	LED BULB (3)		255.00
			255.00

PRITAM
SWITCHES & ACCESSORIES

[Signature]

BHARAT ELECTRIC
DAULATPUR, KOLKATA- 700139 (OPP.- MAHESHTALA P.S.)
Sales and Service of electrical & electronic Goods.
GSTIN : 19AMSPM6392DIZG PHONE : 9830483695

M/s. Maheshtala college

Address: _____ Mobile No. _____ Party GST No. _____

SL NO.	QTY.	DESCRIPTION	HSN/ SAC	PRICE Per UNIT	AMOUNT Rs.	P.
		LED tube	1063	235	2350	
					Amount	2350
					CGST	
					SGST	
					Total Amount	2350

Rupees in word _____

Declaration : Inclusive Composite Tax

Cheque No. _____ Dated: 10/11/23

E. & O.E. *[Signature]*
For Bharat Electric

No. 63

TAX INVOICE
CASH / CREDIT MEMO Original For Buyer's Copy

BHARAT ELECTRIC
DAULATPUR, KOLKATA- 700139 (OPP.- MAHESHTALA P.S.)
Sales and Service of electrical & electronic Goods.
GSTIN : 19AMSPM6392DIZG PHONE : 9830483695

M/s. Maheshtala college

Address: _____ Mobile No. _____ Party GST No. _____

SL NO.	QTY.	DESCRIPTION	HSN/ SAC	PRICE Per UNIT	AMOUNT Rs.	P.
		LED tube	68	190	1140	
		amp	24	70	140	
					Amount	1280
					CGST	
					SGST	
					Total Amount	

Rupees in word _____

Declaration : Inclusive Composite Tax

Cheque No. _____ Dated: 25/07/20

E. & O.E. *[Signature]*
For Bharat Electric



R Das
 DR. RUMPA DAS
 Principal
 Maheshtala College
 Kolkata-700139



MAHESHTALA COLLEGE

BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139
E-mail: maheshtalacollege@yahoo.com / principal.maheshtalacollege@gmail.com

☎: 6289482452 (Office)

Website: www.maheshtalacollege.ac.in

b) Awareness build-up to switch off appliances, fans and lights when not in use

Picture of awareness instruction display board for switching off electrical appliances



c) MCB points have been installed at strategic points to check electricity hazards

Picture of some MCBs installed in the College campus



RDas
DR. RUMPA DAS
Principal
Maheshtala College
Kolkata-700139



MAHESHTALA COLLEGE

BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139
E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
☎: 6289482452 (Office)

Website: www.maheshtalacollege.ac.in

d) Use of cooking gas in canteens is monitored and microwave oven is used for sundry heating

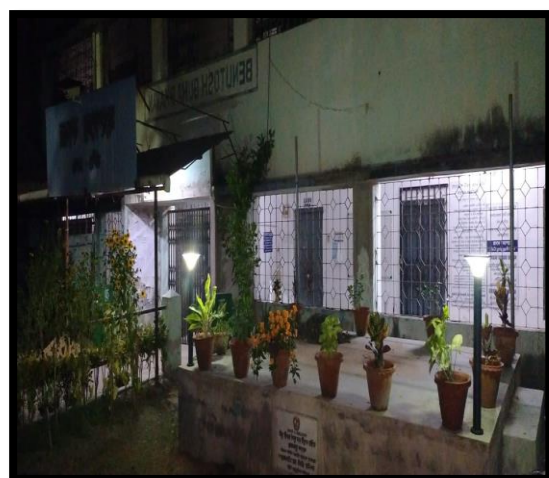
Picture of Cooking Gas used in college canteen



e) Minimal use of air conditioners

f) Solar energy

Lights illuminating in College Premises using Solar Energy



RDas
DR. RUMPA DAS
Principal
Maheshtala College
Kolkata-700139



MAHESHTALA COLLEGE

BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139
E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
☎: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

2) Management of various types of degradable and non-degradable waste

- Biomedical waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

According to policy adopted by the Governing Body and in collaboration with Maheshtala Municipality and a registered organization of West Bengal Pollution Control Board, waste- segregation is done meticulously in the college (photo of agreement with WBPCB linked below).

Solid waste management:

- Biodegradable and non-biodegradable waste are segregated in different coloured large cauldron waste-bins provided by Maheshtala Municipality, collected and disposed daily by personnel from Maheshtala Municipality

E-waste management:

- E-Waste is collected and stored at a designated place and collected, recycled and processed by a registered organization of West Bengal Pollution Control Board, after endorsement by authorized vendors that the items cannot be any longer reused and recycled.

Liquid waste management:

- Liquid Waste collection and processing is done through arrangement with local municipal body.

Periodic awareness programmes organized by local Maheshtala Municipality sensitise students and staff who are motivated for effective waste management procedures.



R Das
DR. RUMPA DAS
Principal
Maheshtala College
Kolkata-7000139



MAHESHTALA COLLEGE

BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139
E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
☎: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

Blue Cauldron Waste-bins for dry-wastes Green Cauldron Waste-bins for wet-wastes



Certificate of E-Waste Destruction by WBPCB approved vendor



R Das
DR. RUMPA DAS
Principal
Maheshtala College
Kolkata-700139



MAHESHTALA COLLEGE

BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139
E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
☎: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

Agreement with West Bengal Pollution Control Board approved vendor

Sk. Jiyaul Haque
(prep.)

Old N Furniture
All Types of Scrap & old Furniture E-Wast Byer
GST : 19AHGPH6616J1Z4

Web: www.oldnfurniture.com
Email: oldnfurniture@gmail.com
oldnfurniture@yahoo.com

Ref. No. ONF/2120 **AGREEMENT LETTER** Date 01/07/2021

We are an authorized dismantler of e-waste components. Our authorization No-03/2s(H W)/(E W)-3742/2019 valid up to 31/05/2024 issued by west Bengal Pollution Control Board .We are making an agreement to purchase e waste materials with **Maheshtala College** having its registered office at Budge Budge Trunk Road Maheshtala, Kolkata-700139

(The validity of this agreement is 1 year Till 30/6/2022)

The price will be decided mutually from time to time.

Authorized Dismantler
OLD N FURNITURE
Authorized signatory
Witness: -

Maheshtala College
Authorized signatory
Witness: -

01-07-2021

Address: K.P. Mondal Road, Vill- Abhirampur, Purbapara
P.O & P.S :Budge-Budge, Kol- 700137 (W.B)
(Near Maa Tara Rice Mill)



R Das
DR. RUMPA DAS
Principal
Maheshtala College
Kolkata-700139



MAHESHTALA COLLEGE

BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139
E-mail: maheshtalacollege@yahoo.com / principal.maheshtalacollege@gmail.com
☎: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

3) Water conservation

Rainwater harvesting plant is being set up with CSR initiative



MAHESHTALA COLLEGE
BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA - 700 141
E-mail : maheshtalacollege@yahoo.com / principal.maheshtalacollege@gmail.com
Call : 6289482452
Website : www.maheshtalacollege.ac.in

Ref: 1 / MISC / 2023 / MC - 7

Date:10. 1.2023

To
Sri Tapas Chakraborty
Social Worker & Honourable Member,
Governing Body,
Maheshtala College

Sub: Letter of Appreciation for extending financial assistance for setting up Rainwater Harvesting Plant in college premises

Respected Sir,

Greetings from Maheshtala College.

On behalf of all stakeholders of Maheshtala College, I take this opportunity to thank you for your generosity and kind financial support (by payment of labour wages and purchase of pipes and allied set plumbing instruments) in setting up of Rainwater Harvesting Plant in college premises. Your help goes a long way in establishing the commitment of all stakeholders of the college towards environmental sustainability and conservation of water. Sri Sanjay Budhia, MD of Patton Group has kindly donated 1000 litre water reservoir, for setting up of the Rainwater Harvesting Plant.

We look forward to your gracious presence in our college at your earliest convenience to see the rainwater harvesting plant built with your generosity.

Your sincerely,

Dr Rumpa Das
Principal
Maheshtala College

DR. RUMPA DAS
Principal
Maheshtala College
Kolkata-700139

Handwritten signatures and date:
Rumpa Das
Tapas
18/06/2023



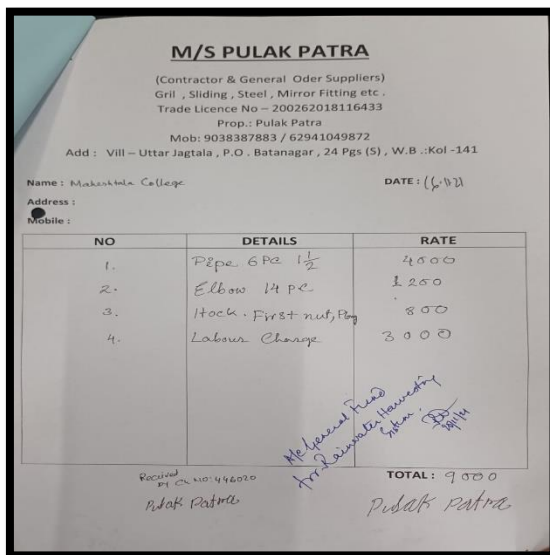
DR. RUMPA DAS
Principal
Maheshtala College
Kolkata-700139



MAHESHTALA COLLEGE

BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139
 E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
 ❉: 6289482452 (Office)
 Website: www.maheshtalacollege.ac.in

Bill for construction of Rainwater Harvesting Plant



Rain water Harvesting Station



RDas
 DR. RUMPA DAS
 Principal
 Maheshtala College
 Kolkata-7000139



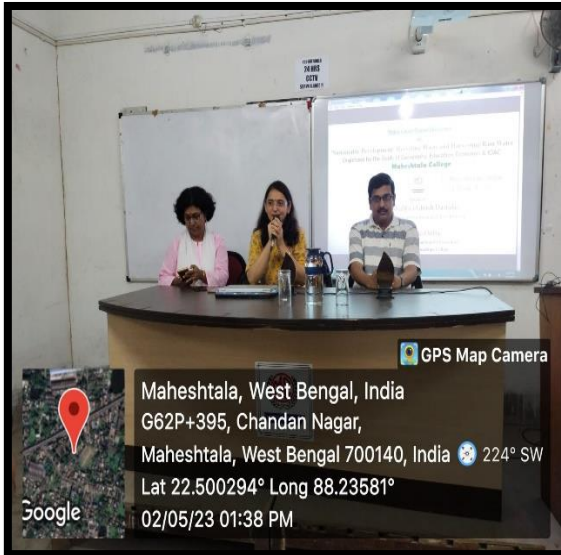
MAHESHTALA COLLEGE

BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139
E-mail: maheshtalacollege@yahoo.com / principal.maheshtalacollege@gmail.com

☎: 6289482452 (Office)

Website: www.maheshtalacollege.ac.in

Photos of Seminar on Water Conservation



4) Green campus initiatives

a) No Plastic Zone in College premises

Picture of awareness instruction display board on clean campus initiatives



Das
DR. RUMPA DAS
Principal
Maheshtala College
Kolkata-700139



MAHESHTALA COLLEGE

BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139
E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
☎: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in


b) Maximising use of bicycles, car-pooling etc.

Use of Bicycles:



c) Greencampus

Green Audit Certificate by Botanical Survey of India



GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE

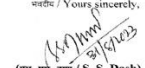
BOTANICAL SURVEY OF INDIA
CGO COMPLEX
MSO BUILDING
5TH & 6TH FLOOR
SECTOR 1
SALT LAKE, KOLKATA - 700094
Tel.: (033) 2321 4050 | Tech. Section | E-mail: tech@bsi.gov.in

अनुमति संख्या/File No. File No.: 295/1/Misc. 2023-Tech./568 दिनांक /Date : 31st August, 2023


सेवा में / To
The Principal
Maheshtala College,
Budge Trunk Road Maheshtala
Kolkata-700 141
West Bengal

विषय / Subject: Green Audit Report of Maheshtala College, Kolkata - reg.
संदर्भ / Ref.: Letter No. nil, dated 31.03.2023.

महोदया / Madam,
With reference to your letter no. nil, dated 31.03.2023 for conducting Green Audit in your College, I am directed to inform you that the Green Audit of your college was carried out by the BSI team (Dr. Umeshkumar L. Tiwari, Scientist D and Dr. S.K. Yadav, Botanist) on **21st June, 2023**, vide letter no. BSI-295/1/2023 – Tech. / 221, dated 19th June, 2023.
In this connection, I am sending herewith the **Green Audit Report 2023** of your college. Kindly acknowledge the receipt of the same.
This issues with the approval of Director, Botanical Survey of India.
आभार/ Thanking you,

आपका / Yours sincerely,

(एस. एस. दास / S. S. Dash)
वैज्ञानिक ई / Scientist 'E'
(आचार्य, तकनीकी अनुभाग / In-charge, Tech. Section)

Encl.: As above





RDas
DR. RUMPA DAS
Principal
Maheshtala College
Kolkata-700139



MAHESHTALA COLLEGE

BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139
E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
☎: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

Landscape Garden in College premises



Landscape Garden in College premises



R Das

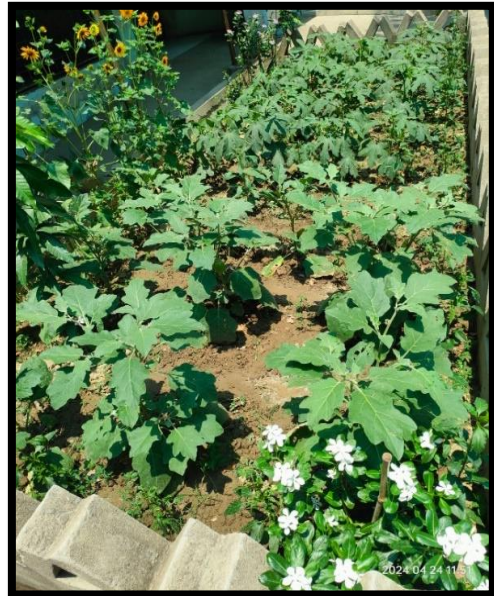
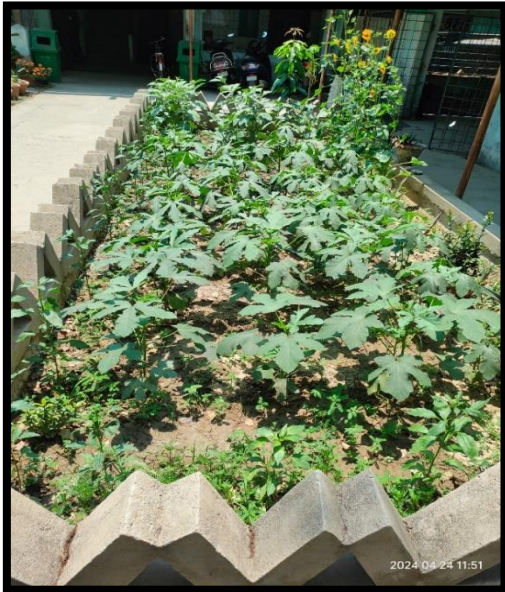
DR. RUMPA DAS
Principal
Maheshtala College
Kolkata-700139



MAHESHTALA COLLEGE

BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139
E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
☎: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

Vegetable Garden in College premises



R Das
DR. RUMPA DAS
Principal
Maheshtala College
Kolkata-700139



MAHESHTALA COLLEGE

BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139
E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
☎: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

5) Disabled-friendly, barrier free environment

a) Built environment with ramp for easy access to classrooms

Ramp in entrance to the classrooms



RDas
DR. RUMPA DAS
Principal
Maheshtala College
Kolkata-700139



MAHESHTALA COLLEGE

BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139
E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
☎: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

b) There are Divyangjan friendly washrooms in Maheshtala College:

Geo-tagged Photograph of washroom



Geo-tagged Photograph of Divyangjan friendly washroom



RDas
DR. RUMPA DAS
Principal
Maheshtala College
Kolkata-700139