

ATUL VIDYA MANDIR WARDHA'S



RAJARSHEE SHAHU SCIENCE COLLEGE

Chandur Railway, Dist – Amravati, Maharashtra



Affiliated to

Sant Gadge Baba Amravati University, Amravati



2nd Cycle

Assessment & Accreditation by NAAC

CRITERIA VII- INSTITUTIONAL VALUES AND BEST PRACTICES

QnM - 7.1.2

The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and non-degradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment



Atul Vidya Mandir, Wardha's

Rajarshee Shahu Science College

Virul Road, Chandur Rly, Dist. Amravati PIN - 444 904

(College Code : 807)

PRESIDENT

Prof. Mrs. Uttaratai V. Jagtap

SECRETARY

Prof. Virendrabhau W. Jagtap

PRINCIPAL

Dr. M.P. Chikhale

Website : www.rssc.edu.in | Email : rajarsheeshahucollege@rediffmail.com | rsscprincipal@gmail.com | (Office) 07222-254111

Ref. No. RSSC/132/23

Date: 17.03.2023

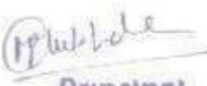
Declaration

The information, reports, true copies of the documents, numerical data, etc furnished in this file is verified by IQAC and found correct.


IQAC Co-ordinator
Rajarshee Shahu Science College
Chandur Rly., Dist. Amravati

(Dr. Minal Keche)




Principal
Rajarshee Shahu Science College
Chandur Rly. Dist. Amravati

(Dr. Mahesh Chikhale
Chairman IQAC and Principal)

Brief Report:

7.1.2

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QnM 7.1.2 The Institution has facilities and initiatives for

Rajarshee Shahu Science College, Chandur Railway strives to provide the quality education as per the vision and mission statement. College has identified the areas of sensitization of students in relativity with environment, energy, sustainability inclusiveness and provided a conducive environment through the facilities and activities in tune with the Perspective plan, policies, and procedures. This helped in accepting the challenges of 21st century and NEP 2020 to undertake initiatives to address glocal (Global and Local) issues. The role of institute is reflected in terms of various programmes and activities incorporating within its regular functioning. The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and non-degradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

BRIEF REPORT

Internal Quality Assurance Cell (IQAC) framed the policy on Green Campus, Environment and Energy. It has taken all possible measures and initiatives to conserve the energy, water and to make the premises eco-friendlier and greener. The link for policies and procedures is as follows:

Alternate source of energy and energy conservation

The Institution has facilities for alternate sources of energy and energy-conservation measures. 500KWP energy is generated through the solar panels and 25% of electricity consumption is met by these solar panels. Energy-saving LED bulbs and power-efficient equipment are used in the college campus. Ordinary lights have been replaced by CFL and LED lights to conserve energy. Institute is focusing on use of LED lights to save energy especially at common places. At the institute all fluorescent tube lights has been replaced with LED lights and used at Common places like washroom, Department passages, and Conference room etc. to save energy.

Management of the various types of degradable and non- degradable waste

The virtuous methods for energy saving, waste disposal, purchase of environment- friendly supplies, and an effective recycling process are some of the practices run into the campus. The campus is wi-fi enabled and hence circulars and other communication is done online minimising paper wastage. Sanitary napkin incinerator is installed in the campus. Reduce, Reuse, recycle is one of the best practices of the Institution. The Department of Chemistry has adopted simple analysis which has reduced the chemical consumption to half of the regular usage in conducting lab experiments. Cleanliness drive run in campus regularly through campus beautification committee. During this, collected garbage or falling leaves are kept in vermicompost plant for further procedure.

Waste management

To keep campus, clean, neat and tidy, Dustbins are placed in the college premises, corridors and office. Cleanliness drive in campus for collection of garbage and solid waste by NSS students. The waste water is discharged through regulated channels, pipelines and released into the drainage facility provision in the campus.

Water conservation

The rain water from the terrace of the college is directed towards rain water harvesting pipes which helps in recharging the ground water level. Pits are provided to collect the rain water and absorbed in the soil. Due to this process, capacity of borewell is automatically increases.

E waste management

The e-waste is limited in the campus by maintaining as own repair centre for computer and computer-based items. E-waste at our college refers to electronic equipment that has gone out of use. The cartridge of printers is refilled from a suitable vendor and reused it. Electronic goods are put to optimum use; the defective ones are set right and reused. The equipment which cannot be refurbished for re-use is dismantled and disposed of as recyclable. The minor repairs are done by the Laboratory assistants but the major repairs are handled by the Technical Assistant and are reused. Also, in institute some unused equipment has been kept, which is use for enhancing students' knowledge and giving them idea about technology advancement.

Disabled-friendly, barrier free environment

Institute provides barrier-free environment where people with disabilities can move about safely and freely and use the facilities within the built environment. The environment supports the independent functioning of individuals so that they can participate without assistance in everyday activities within the campus. Pedestrian friendly roads, restroom, special facility provide during exam, ramp, washroom are the specific facilities provided for the divyangjan students. Along with these physical facilities screen-reading software and multimedia equipment are available in labs. Human assistance is also available for enquiry and information.


Green campus initiatives

Issues related with the environment and environmental sustainability are integrated into the curricula. There is a mandatory paper titled 'Environmental Studies' in the UG programs. Additionally, in order to sensitize students about the environment and sustainability issues, activities such as nature walk, seminars, workshops, awareness campaigns, outreach programs, poster competition, group discussion, and guest lectures are organized for students through the SIGNature Club and the departments. Tree plantation drive is carried out to achieve carbon neutrality to cover the most open areas inside and outside. Plantation of large numbers of trees along pedestrian walkways and other areas help in reducing the temperature inside the campus and provides clean and fresh air. The campus is pedestrian friendly with separate walkways. Minimum, reuse or no use of plastics is practiced by students and staff. Plastic ban initiative institute prevents the environment plastic free due to which less use plastic helps pollution free environment.

ALTERNATE SOURCES OF ENERGY AND ENERGY CONSERVATION MEASURES

SOLAR PANNEL

QUOTATION



FROM:
ECE (India) Energies Pvt Ltd
Office :- Plot No: C - 57 , Saturna Industrial Estate , Badnera Road Amravati, Maharashtra
07216511778, 7774092700
sales@eceindia.com

TO:
The Principal
R.V.M. C-O Pre. A. V. Man
VIRUL ROAD CHANDUR RLY
CHANDUR-RLY 444701
Amravati, Maharashtra
9422844149

QUOTATION:
ID # 1216
Date 28-01-2017

Products

Name	Price	Quantity	Discount	Tax	Amount
Solar Roof top Power Generating System Under Net Meter arrangement [Solar Power generating system with solar panels of 3.1 KW & grid tie Invertor 5 KW]	247384.00	1 Unit	0.00		247384.00
Documentation [For Netmetering At MSEDCL & Subsidy Proposal At MEDA]	5000.00	1	0.00		5000.00
Installation	12400.00	1	0.00	14% Service Tax, 0.50% Swachh Bharat Cess & 0.50% Agricultural - 15.00 %	14260.00
Transport	1500.00	1	0.00		1500.00
Total					268144.00
Discount					0.00
Round off					0.00
Bill Amount					268144.00
Two Lakh Sixty Eight Thousands One Hundred and Forty Four Only					

Benefits of Solar Systems

1	Subsidy	30% from Central Govt (For Domestic, Institutional, Public Sector Building)
2	Income Tax	80% Accelerated Depreciation for 1st Year, 20% on 2nd year for private, Commercial, Industrial Consumer.
3	Tax Holiday	10 Year Income Tax Holiday. Municipal Tax Relaxation.
4	Maintenance	Free for 2 years. Charged from 3rd year.

Powered by Maxiclient

1

Name : The Principal, Rajarshee Shahu Science College, Chandur Rly, Dist: Amravati.
Pin code: 444904, Contact No. : 07222-254111
Address: Virul Road Chandur Rly, Dist: Amravati.
Customer No : 369750054076
Quotation No. 1080 Billing Unit No. 3000
Quotation Date: 06/02/2017

To,
ECE (India) Energies Pvt. Ltd.
C-57 Saturna Estate, Amravati- 444607, No.- 0721-6511778
Kind Atten :-Anand More. Mob No: 9766099593

PURCHASE ORDER
Date:- 10/02/2017
No:-

Billing :-
The Principal, Rajarshee Shahu Science College,
Virul Road, Chandur-Rly,
Dist: Amravati. Pin Code: 444904.

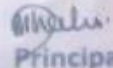
Delivery Address with contact Person
The Principal, Rajarshee Shahu Science College,
Virul Road, Chandur Rly,
Dist: Amravati. Pin Code: 444904.

Dear Sir,

We are pleased to place an order for following material as indicated below and as per terms specified.
Kindly arrange to supply accordingly. Kindly acknowledge receipt of Purchase Order & advance payment.

Sr. No.	Description	Rate	Qty.	Unit	Amount
1.	Solar Panel (Ranj Ratna) Solar On Grid Inverter(Polycab) 6 KW As per Attached list. Bill of Material (Annexure – 1)	—	—	—	4,13,768.00
2.	Installation	—	—	—	39,652.00
3.	Documents for Net Metering (MSEDCL) and Subsidy.	—	—	—	11,000.00
4.	Net Meter (3- ϕ H)	—	—	—	9080.00
5.	Transportation	—	—	—	1500.00
Instruction(If Any) :					
					Tax
					Total
					4,75,000.00
Payment : 50% Advance along with PO and 40% at the time of delivery Balance 10% after installation. Other Terms and Condition As per Quotation.					
Sign and Stamp					

Use Solar for Bright Future


Principal
Rajarshee Shahu Science College
Chandur Rly. Distt. Amravati

Maharashtra State Electricity Distribution Co. Ltd.
BILL OF SUPPLY FOR THE MONTH OF Feb-2023
 GSTIN: 27AAECM2933K1ZB Website: www.mahadiscom.in HSN CODE: 27160000

AVITARAN
 CIRCLE - 522 AMARAVATI CONSTRUCT - 522 CHANDUR RLY SUB-DN - 300 BU 3000

Name: 259750054076 SOLAR NET METER (8.00 KW)
 THE PRINCIPAL R.V.M. C/O PRE A.V. MANDIR
 VIRUL ROAD
 CHANDUR RLY

Village: CHANDUR RLY Pin Code: 444701

E-mail: 259750054076@mahadiscom.in Mobile No.: 9822222222

Sanctioned load (KW): 8.00 Connected Load (KW): 8.00 Contract Demand (KVA): 8.00 50% of Con. Demand (KVA): 4.00

Tariff: 73 LT-VILB1 DTC: 4300157 CTS Dis. Code: 00-00-00-00-00-00-00-00

Date of Connection: 13/01/2016 Category: Public Services Other GSTIN: PAN: Prev. Highest (Mth): LT Elec. Duty: 40 PART H Prev. Highest Bill Demand (KVA): Addl. S.D. Demanded Rs.: 0.00 Bank Guarantee Rs.: S.D. Arrears Rs.: 0.00

BILLING HISTORY

Bill Month	Units	Bill Demand (KVA)	Bill Amount
Jan-2023	995	0	7359.36
Dec-2022	581	0	4257.04
Nov-2022	718	0	5417.47
Oct-2022	1189	0	8579.16
Sep-2022	1075	0	7927.19
Aug-2022	735	0	5522.62
Jul-2022	481	0	3756.00
Jun-2022	634	0	4353.08
May	1032	0	6944.73
Apr-2022	1388	0	9240.26
Mar-2022	585	0	4029.48
Feb-2022	330	0	2435.63

CUSTOMER CARE Toll Free No.
 1912, 1800-233-3435, 1800-102-3435

Rules & Procedure for Complaints: Grievances Redressal is available at www.mahadiscom.in/consumer-portal-CGRF

Instead of Printed bill, register for E-bill and avail Rs. 10 per bill as a "Go-green" discount. For registration visit www.mahadiscom.in/consumer-portal > Go-green request

Follow us on:

MAHA VITARAN
 महाराष्ट्र राज्य विद्युत वितरण कंपनी मर्यादित
 STAY HOME, PAY ONLINE & STAY SAFE
 FOR MORE DETAILS VISIT WWW.MAHADISCOM.IN
 OR
 CALL MSEDCL TOLL FREE 1912/19120/1800-102-3435/1800-233-3435

MSEDCL ONLINE PAYMENT FACILITY

- Pay Online to Save your Time and Money
- Safe and Secure
- Pay Online from MSEDCL Official Website, Mahavitaran Mobile App
- Online payment facility available through Net-Banking, Credit Card, Debit Card, Cash Cards, UPI etc.
- 9.25% discount (up to Rs. 500) in next month bill
- RTGS Payment facility for HT and LT consumers above 20 kw load. For RTGS payment, Virtual account number of consumer and bank details are printed on Consumer bill.

Important Message

- Consumers can pay online using Net banking, Credit/Debit cards at <https://www.mahadiscom.in/www/ssa> after registration.
- Submit / update your E-mail id and mobile number to Circle Office for receiving prompt alerts through SMS.
- Submit / update your PAN & GSTIN to Circle Office with copies of PAN & GSTIN for verification.
- Special desk is operational for HT Consumers, please contact: hiconsumer@mahadiscom.in for any clarification / query or grievance.
- This Electricity Bill should not be used for the address proof and as a proof of property ownership.
- For any payment to MSEDCL, ENSURE & INSIST for computerized receipt with unique system generated receipt number. Do not accept hand written receipt. Pay online to avoid any inconvenience.

CURRENT CONSUMPTION DETAILS				
Reading Date	KWH	KVAH	RKVAH(LAG)	RKVAH(LEAD)
Current 31/01/2023	44629.00	51218.00	21013.00	2742.00
Previous 31/12/2022	43041.00	41205.00	10002.00	2742.00
Difference	5588.00	0.00	0.00	0.00
Multiplying Factor	1.00	1.00	1.00	1.00
Consumption	5588.00	0.00	0.00	0.00
Add if L.T. Metering	0.00	0.00	0.00	0.00
Adjustment	-156.00	0.00	0.00	0.00
Assessed Consumption	0.00	0.00	0.00	0.00
Total Consumption	5332.00	0.00	0.00	0.00
BILLING DETAILS				
Billed Demand (KVA)	0	@ Rs.	384.00	
Assessed P.F.	0.0000	Avg. P.F.		
Billed P.R.	0.0000	L.F.	0	
Consumption Type	Units	Rate	Charges Rs.	
Industrial	0.00		0.00	
Residential	0.00		0.00	
Commercial	5332.00		2431.24	
E.D. on (Rs.)	Rate %	Amount Rs.		
0.00	0.00	0.00		
4012.24	0.00	0.00		
0.00	0.00	0.00		
TOD Tariffs	Rate % (Rs./Units)	Units	Demand	Charges Rs.
0000 Hrs-0600 Hrs & 2200 Hrs-2400 Hrs		0	4	1.35
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs		0		
0900 Hrs-1200 Hrs		0		
1800 Hrs-2200 Hrs		0	0	0.00
Amount in Words	₹	ELEVEN THOUSAND FIVE HUNDRED SEVENTY ONLY		
Demand Charges				
Wheeling Charges				
Energy Charges 1.35				
TOD Tariff EC				
FAC @ Ps/U				
Electricity Duty 0.90				
Other Charges				
Tax on Sale @ 19.04 Ps/U				
P.F. Penal Charges / P.F. Incentive				
Charges For Excess Demand				
Debit Bill Adjustment				
TOTAL CURRENT BILL 4113.53				
Current Interest 09/02/2023				
Principal Arrears 7452.16				
Interest Arrears				
Total Bill Amount (Rounded) Rs. 11570.00				
Delayed Payment Charges Rs. 51.42				
Amount (Rounded) Payable After 11620.00				
(Amount Rounded to Nearest Rs. 00/03/2023)				

SOLAR NET METER CONSUMPTION DETAILS									
SOLAR TARIFF	IMPORT			EXPORT			GENERATION		
	CURRENT READING	PREVIOUS READING	Units	CURRENT READING	PREVIOUS READING	Units	CURRENT READING	PREVIOUS READING	Units
0000 Hrs - 0600 Hrs & 2200 Hrs - 2400 Hrs	10126.00	9940.00	186.00	9.30	0.30	0.00	0.00	0.00	0.00
0600 Hrs - 0900 Hrs & 1200 Hrs - 1800 Hrs	20735.00	20419.00	316.00	10125.00	9947.00	78.00	16517.00	16151.00	0.00
0900 Hrs - 1200 Hrs	8113.00	8416.00	97.00	7079.50	7001.00	78.50	9965.00	9747.00	0.00
1800 Hrs - 2200 Hrs	5235.00	5180.00	55.00	0.00	0.30	0.00	23.00	23.00	0.00
TOTAL	44629.00	43041.00	5332.00	17106.20	16950.00	156.50	26525.00	25921.00	604.00
Other	156.00	Previous	0.00	Current	0.00	Banking Charge	1200	0.00	532.00

CONDITIONS

1. The total bill amount of the bill may be settled by a Crossed Demand Draft/Cheque drawn in favour of "Maharashtra State Electricity Distribution Co. Ltd." Whenever Security Deposit is demanded, separate Cheque/Bank Draft should be sent.

2. The current bill is payable within fifteen days from the date of issue of the bill. Even if there is any discrepancy in the bill or any other clarification needed, consumers are requested to pay the bill amount in the full (provisionally or under protest) subject to review and subsequent adjustment so that payment of delayed payment charges is avoided.

3. This bill is issued subject to the provision of the "Conditions and Miscellaneous charges for supply of Electrical Energy" of the Company.

4. Please quote the Consumer Number on the back of the Cheque. The payment of the bill should be made at Company's office only.

5. If the cheque is sent by post, the same should be posted three days before the due date.

6. In case of payment made through RTGS/NFT/Charges/Debit Order, the date of amount credited to MSEDCL's account will be treated as receipt date.

Collection Hours : 10-30 to 16-00 Hours (Except on Bank Holidays, Sundays, 2nd & 4th Saturdays)

Electrical Energy Consumption Survey and Energy Saving

11 March 2022

Place Village: Kalamjapur Tah: Chandur Railway, Dist:Amravati

Objective of the Activity:

- To make students a responsible citizen.
- To make villagers aware of new technology.
- To help them in saving amount in electric bill.

Collaborator NSS officer and Unit

BRIEFING OF ACTIVITY:

Some peoples in Villages are unaware of the new technology introduced globally and its benefits for many reasons. To reach these peoples with proper information in their benefit is our social responsibility. One of the issues in the villages is the electric bill. To percolate the social responsibility among the students and benefit the villagers, Department of Physics in collaboration with NSS unit carried out a “Electrical Energy Consumption Survey and Energy Saving Awareness” in the Kalamjapur village.

Mr. S.A.Wani has prepared an information leaf and explained students the same in the NSS camp. Students reached people door to door and on the basis of collected information, explained them the energy consumption by different electrical appliances and aware them with new technology-based appliances that are more efficient and low energy consumption rate.

During the survey and awareness Campion, village people cooperated a lot with the students. Gentle behavior from both the end was the key for success of this activity. This activity was successfully headed under the able guidance and supervision of Head Department of Physics and NSS Officer Dr. A. P. Pachkawade, Mr. S. A. Wani and Dr. R. N. Bhagat.

USEFUL INFORMATION:

• Incandescent light bulb:

The incandescent light bulb or lamp is a source of electric light that works by incandescence, which is the emission of light caused by heating the filament. The wire is surrounded by a glass bulb that is usually filled with an inert gas.

• Compact fluorescent light bulbs (CFLs)

A fluorescent light bulb uses gas inside the bulb to light up: when electricity runs through it, it excites a mixture of gases, which are transformed into light. A fluorescent lamp tube is filled with a mix of argon, xenon, neon, or krypton, and mercury vapor. The pressure inside the lamp is around 0.3% of atmospheric pressure. The partial pressure of the mercury vapor alone is about 0.8 Pa (8 millionths of atmospheric pressure), in a T12 40-watt lamp.

Compact fluorescent light bulbs (CFLs) use dramatically less energy than incandescent bulbs and reduce greenhouse gas emissions. But they also contain mercury – a dangerous toxin. If a

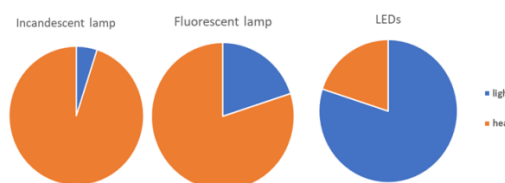
CFL breaks, some of the mercury that's contained in the bulb will evaporate into the air. Inhaling mercury vapor is hazardous to human health. Breathing in mercury vapors may cause symptoms such as cough, fever, difficulty breathing, nausea, vomiting, headaches, increased salivation and an acute metallic taste in the mouth.

- **LED lamp or LED light bulb:**

An LED lamp or LED light bulb is an electric light that produces light using light-emitting diodes (LEDs). LED lamps are significantly more energy-efficient than equivalent incandescent lamps and can be significantly more efficient than most fluorescent lamps.

Equivalent Wattages and Light Output of Incandescent, CFL, and LED Bulbs:

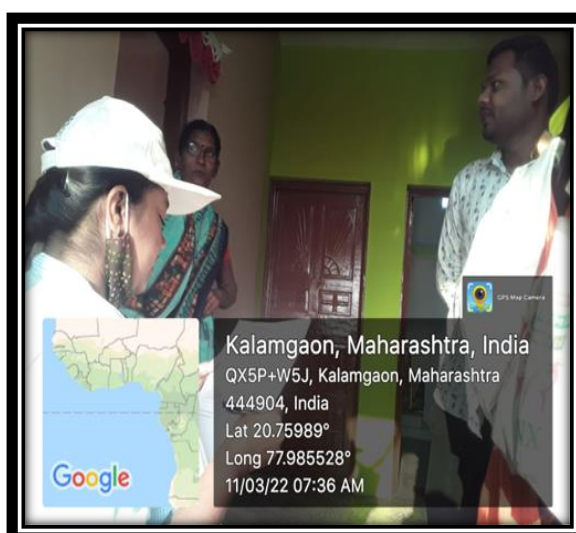
Light Output	LEDs	CFLs	Incandescents
Lumens	Watts	Watts	Watts
450	4-5	8-12	40
750-900	6-8	13-18	60
1100-1300	9-13	18-22	75-100
1600-1800	16-20	23-30	100
2600-2800	25-28	30-55	150



Comparing the Features of Incandescent, CFL, and LED Light Bulbs:

Features	LEDs	CFLs	Incandescents
Frequent On/Off Cycling	no effect	shortens lifespan	yes
Turns on instantly	yes	slight delay with some CFLs	yes
Durability	durable	fragile	fragile
Heat Emitted	low (3 btu's/hr)	medium (15 btu's/hr)	high (85 btu's/hr)
Sensitivity to high temperature	some	yes	no
Sensitivity to low temperature	no	yes	no
Sensitivity to humidity	no	yes	some
Hazardous Materials	none	5 mg mercury/bulb	none
Replacement frequency (over 25k hours)	1	2.5	20+

Activity Photos



Survey Form




RAJARSHEE SHAHU SCIENCE COLLEGE
Chandur Rly., Amravati
Department of Physics

Electrical Energy Consumption Survey and Energy Saving Awareness

Village: Kalamjapur
Tah: Chandur Railway, Dist: Amravati
Homes: 281, Population: 1072

Date: 11-3-2022

Name of the House Owner: श्रीताराजी गोवले
Total Number of Family Members: 1
Number of Electrical Appliances:-

1.	Bulb	 Incandescent Bulb	 CFL Bulb	 LED Bulb
2.	Tube light		<u>3</u>	<u>3</u>
3.	Cooler			
4.	Television			
5.	Audio System			
6.	PC/Laptop			
7.	Refrigerator			
8.	Mixture			
9.	Washing Machine			
10.	Mobile	<u>1</u>		
11.	Electric Motor			
12.	Electrical Induction			
13.	Water Heater			

• Do you use solar energy? NO
• Average electric bill/month: 300

श्रीताराजी गोवले
House Owner/Member Sign:

Name of the Student: Divya D. Shelokar
Class & Subject Group: B.Sc. 2nd year (CBZ)

Divya D. Shelokar
Signature of the Student




RAJARSHEE SHAHU SCIENCE COLLEGE
Chandur Rly., Amravati
Department of Physics

Electrical Energy Consumption Survey and Energy Saving Awareness

Village: Kalamjapur
Tah: Chandur Railway, Dist: Amravati
Homes: 281, Population: 1072

Date: 11/03/2022

Name of the House Owner: श्री. संजय प्रमोद पोतवर्धन
Total Number of Family Members: 2
Number of Electrical Appliances:- 3

1.	Bulb	 Incandescent Bulb	 CFL Bulb	 LED Bulb
2.	Tube light	<u>2</u>		
3.	Cooler			
4.	Television	<u>1</u>		
5.	Audio System			
6.	PC/Laptop			
7.	Refrigerator			
8.	Mixture			
9.	Washing Machine			
10.	Mobile	<u>1</u>		
11.	Electric Motor			
12.	Electrical Induction			
13.	Water Heater			

• Do you use solar energy? No
• Average electric bill/month: 350

Sanjay P. Potwardhan
House Owner/Member Sign:

Name of the Student: Nikita Ramdas Mahalle
Class & Subject Group: B.Sc. 2nd CMP

N.R. Mahalle
Signature of the Student

RAJARSHEE SHAHU SCIENCE COLLEGE
Chandur Rly., Amravati
Department of Physics

Electrical Energy Consumption Survey and Energy Saving Awareness

Village: Kalamjapur, Amravati
Tah: Chandur Railway, Dist: Nagpur
Homes: 281, Population: 1072

Date: 11-03-2022

Name of the House Owner: दिलीप चोरास
Total Number of Family Members: 4
Number of Electrical Appliances:-

	Incandescent Bulb	CFL Bulb	LED Bulb
1. Bulb		✓ 4	
2. Tube light			
3. Cooler	✓		
4. Television	✓		
5. Audio System	-		
6. PC/Laptop	-		
7. Refrigerator	-		
8. Mixture	✓		
9. Washing Machine	-		
10. Mobile	✓ 1		
11. Electric Motor	✓		
12. Electrical Induction	-		
13. Water Heater	-		

• Do you use solar energy? NO

• Average electric bill/month: 500

House Owner/Member Sign: दिलीप चोरास

Name of the Student: Achal Ganeshrao Thakare
Class & Subject Group: B.Sc 2nd year (CBZ)

Signature of the Student: Athakare

RAJARSHEE SHAHU SCIENCE COLLEGE
Chandur Rly., Amravati
Department of Physics

Electrical Energy Consumption Survey and Energy Saving Awareness

Village: Kalamjapur, Amravati
Tah: Chandur Railway, Dist: Nagpur
Homes: 281, Population: 1072

Date: 11-3-2022

Name of the House Owner: दिवाकर तु. शेळकर
Total Number of Family Members: 4
Number of Electrical Appliances:-

	Incandescent Bulb	CFL Bulb	LED Bulb
1. Bulb	1		
2. Tube light		✓	
3. Cooler	✓		
4. Television	✓		
5. Audio System			
6. PC/Laptop			
7. Refrigerator			
8. Mixture			
9. Washing Machine			
10. Mobile	✓ 1		
11. Electric Motor			
12. Electrical Induction			
13. Water Heater			

• Do you use solar energy? NO

• Average electric bill/month: 600

House Owner/Member Sign: दिवाकर तु. शेळकर

Name of the Student: Divya D. Shelokar
Class & Subject Group: B.Sc 2nd year (CBZ)

Signature of the Student: Divya D. Shelokar

Name of the Student :-	Year	
1) Ankita S. Chambattkar	3 rd yr	28] Pratiksha S. Gadhave Bsc 2nd yr
2) Abhilash A. Jagtap	3 rd yr	29] Nikita S. Tambhale Bsc 3 rd yr
3) Bhagyashri G. Solanke	3 rd yr	30] Sanjay S. Uike Bsc 2 nd yr
4) Shivani P. Tone	3 rd yr	31] Shrutika S. Patil Bsc 3 rd yr
5) Dipali R. Garode	3 rd yr	32] Salali D. Girdhar - II -
6) Rutuja B. Karale	3 rd yr	33] Shrutika M. Jaiswal - II -
7) Mayuri D. Dhore	3 rd yr	
8) Kunal Meshram	3 rd yr	
9) Nikita R. Mahalle	2 nd yr	
10] Sejal D. Adakane	2 nd yr	
11] Achal A. Galale	1 st yr	
12] Bhagyashri H. Nakshane	1 st yr	
13] Achal K. Wanjari	1 st yr	
14] Payal K. Wanjari	1 st yr	
15] Prochi S. Mundane	1 st yr	
16] Rutuja J. Meshkar	1 st yr	
17] Reeti K. R. Chimanekar	1 st yr	
18] Samiksha G. Wanve	2 nd year	
19] Achal G. Thakare	2 nd year	
20] Gayatri S. Girdhar	3 rd year	
21] Harsha R. Dhage	3 rd yr	
22] Prapti Wankhade	2 nd yr	
23] Vaishnavi Mahalle	2 nd yr	
24] Divya Shelokar	2 nd yr	
25] Prachi R. Meshram	2 nd year	
26] Neha D. Borkar	2 nd year	
27] Tanisha J. Wankhade	2 nd year	
28] Achal S. Ingole	1 st year	
29] Sakshi M. Pandit	1 st year	
30] Sampada N. Thakare	1 st year	
31] Komal D. Mate	2 nd year	
32] Nikita D. Gadhave	2 nd year	
33] Kujal P. Chaudhari	2 nd year	

NSS Officer
Dr. A. P. Pachkawade
Head Dept. of Physics

Convenor
Mr. S. A. Wani
Asst. Prof. Dept. of Physics

Co-Convenor
Dr. Roshani N. Bhagat
Asst. Prof. Dept. of Physics

MANAGEMENT OF THE VARIOUS TYPES OF DEGRADABLE AND NONDEGRADABLE WASTE

Nirmalya Collection Drive 2018-2019

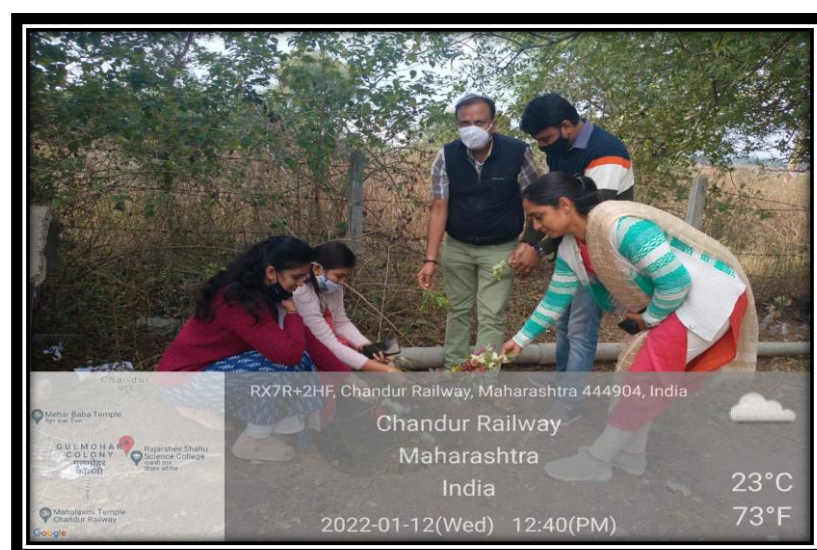
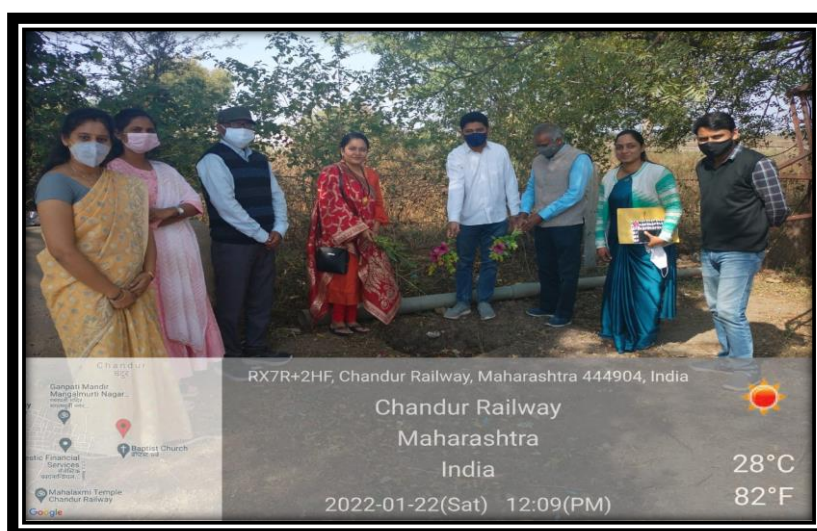
NSS unit conducted Nirmalya Collection Drive in Ganesh festival. Ganesh festival is now one of the biggest festivals in Maharashtra with celebrations in homes and large gathering of devotees at Ganesh Mandals. The festival is spread over 11 days. The festival also generates a large amount of holy waste (Nirmalya) in the form of flowers, decoration material and other religious offerings. NSS volunteers collect nirmalya from their nearby native places and immerse in Vermicomposting tank for preparation of compost.



Dr. S. S. Padhen
NSS Officer

Compost Pit

Compost pits are used to make manures and fertile compounds by dumping decaying biodegradable items. It contains numerous vital elements for plant growth and is hence frequently used as fertilizer. To create a culture of eco-friendly festival SIGNature Club had taken an initiative to collect the waste flowers and garlands offered to gods, bouquet during celebration of birth anniversary of social reformers, other educational programme, Ganesh Chaturthi festival and Navratri Utsav etc. All the waste garbage's biomass was collected by the student, staff and nonteaching staff also to convert it into the compost by biodegradation process in composting pit constructed in the college campus.



Dr. G. B. Santape
Convenor
SIGNature

Dr. S.P. Patharkar
Co-convenor
SIGNature

WATER CONSERVATION

Gabion Structure 2019-20

As Dhanora Mhali receives huge amount of rainfall every year and also the main profession is agriculture of the village, the NSS Rajarshee Shahu Science College, Chandur Railway decided to construct a bandhara to utilize the water received during the monsoon for farming purpose. Assist. Prof. S. S. Padhen sir from the Department of Chemistry as a co-officer guided NSS volunteers for the construction of same.



Dr. S. S. Padhen
NSS Officer

Gabion Structure 2021-22

As Kalamjapur receives huge amount of rainfall every year and also the main profession is agriculture of the village, the NSS Rajarshee Shahu Science College, Chandur Railway decided to construct a bandhara to utilize the water received during the monsoon for farming purpose. Assist. Prof. A. P. Pachkawade sir from the Department of Physics as a co-officer guided NSS volunteers for the construction of same.



Dr. A. P. Pachkawade

GREEN CAMPUS INITIATIVES

Public Awareness Through Vrikshdindi 2019-2020

33 Crore Tree Plantation Program by Forest Department Chandur Railway with the aim of getting maximum number of people to participate in tree planting. Tree planting was organized on 29/06/2019. NSS volunteers and students of our college actively participated in this tree planting. Vrikshdindi started by inaugurating the stall "Vriksh Apya Dari" in front of the Forest Department by Hon. MLA Prof. Virendrabhau Jagtap was blessed. The students challenged the citizens of Chandur Nagar to plant trees, chanting slogans like "Makada Kare Hoop Hoop, Plant Trees Too Much". Also, at Dattakgram Dhanora Mhali. On 11/07/2019, tree trunks were removed from the village. Vrikshdindi was started from Gram Panchayat. Sarpanch of the village Mrs. Bharatitai Narsekar challenged the villagers to plant trees on this occasion. NSS students and village youth participated in the Dindi with enthusiasm. All the students were given breakfast and tea after tree planting.



NSS volunteers participated in Vrukshdindi

Dr. S. S. Padhen
NSS Officer

Tree Plantation Program 2020-2021

Corona virus outbreak is increasing day by day in the whole country. But we need to protect the environment, so in order to preserve the environment by following the rules given by the government, Atul Vidya Mandir Wardha, President of the organization and Amravati District Central Co-operative Bank, Amravati Hon. On the occasion of the birthday of Prof. Mrs. Uttarai Virendrabhau Jagtap on 4th July 2020, the National Service Scheme Team of the local Rajarshee Shahu Science College started tree plantation in the college. Initially Prof. With the auspicious hands of Mrs. Uttartai Jagtap and Dr. Vaishnavitai Parikshit Jagtap, it was inaugurated by planting trees. The program was organized under the guidance of the Principal of the College, Dr S. S Thakare.



Dr. S. S. Padhen

Sapling of seed balls 2021-2022

National Service Scheme (NSS) department of RSSC, Chandur Rly in collaboration with the Mathematics Department organized GROW GREEN Initiative. Almost 20 Volunteers from NSS made about 50 seed balls and made saplings from it and planted the seedlings in their respective villages, in their backyards. We and NSS volunteers performed this activity during 28th June to 26th July 2021.



Dr. R. V. Kene
Convenor

Dr. A. P. Pachkawade
NSS Officer

Tree Plantation 2021-2022

On the occasion of birthday of our secretary Hon. Shri. Virendrabhau Jagtap, Department of NSS of our college organized tree plantation programme on 11th August 2021. Almost 15 plants were planted on this occasion by our vice president Dr. Vaishnavitai Jagtap, principal Dr. S. S. Thakare of our college and staff. Due to pandemic situation only 12 volunteers were present for this tree plantation programme.



Dr. A. P. Pachkawade

DISABLED-FRIENDLY, BARRIER FREE ENVIRONMENT

WINTER 2017

ST/EX 445/Or-16/11-12/100Book
प/११५

संत गाडगे बाबा अमरावती विद्यापीठ, अमरावती

क्र. अवि/३/ ५-३ /२०१७
दिनांक : २ / ११ / २०१७

प्रति,
केन्द्राधिकारी/प्राचार्य
राजश्री शाहू सायेंज म.वि.
पतडूर रोड
विषय : उन्हाळी / हिवाळी . २०१७. परीक्षेस लेखनिकाला अनुमती मिळणेबाबत.

महोदय,
श्री/कुमारी/श्रीमती राहुल विश्वराव सरास
परीक्षा क्र. ७७५०८ या परीक्षार्थ्याकरीता श्री/कुमारी/श्रीमती
राजश्री शाहू सायेंज म.वि. हांना / हिवाळी
लेखनिक (रायटर) म्हणून B.A. III परीक्षा
उन्हाळी / हिवाळी-२०१७ च्या परीक्षेला अनुमती देण्यात येत आहे.

तसेच सदरहू विद्यार्थ्यास परीक्षेकरीता नियोजित वेळेपेक्षा अध्यादेश क्र. ६, २०१७, Registrar (Exam./Inqul.)
Sant Gadge Baba Amravati University
(३०००) च्या अन्वयेने प्रति तास २० मिनीटे अतिरिक्त वेळ देण्यात यावा.

आपला,
सहायक कुलसचिव (परीक्षा/Inqul.)
Sant Gadge Baba Amravati University
संत गाडगे बाबा अमरावती विद्यापीठ

ASST. Registrar (Exam./Inqul.)
Sant Gadge Baba Amravati University

SUMMER 2018

Ashok Education Society Ashoknagar's
Late Madangopal Mundhada Arts, Commerce & Ashok Science College

Chandur Rly. (444904) Distt. Amravati (M.S.) (07222) 254053

NAAC Reaccredited 'B'

President
Shri. S. N. Shende
 Ashok Education Society
 Ashoknagar



Principal
Dr. J. D. Karmore
 M.A.(Eng.) Ph.D.
 Mob.- 7721021567

Ref. No. : AMV/ .../.../18

Date : 28/03/2018

प्रति,

केन्द्राधिकारी/ प्रचार्य

0122
 807

राजश्री शाहू विज्ञान महाविद्यालय चांदूर रेल्वे.

विषय : उन्हाळी 2018 या परीक्षेत प्रती तास 20 मिनीटे जादा वेळ वाढवून देण्याबाबत.

महोदय,

उपरोक्त विषयान्वये आपणास विनंती की श्री. Roshan Vijaykumar Panpaliya परीक्षा क्र.79297 B.A.Part-III या विद्यार्थ्यास शारिरीक दृष्ट्या अपंगत्व असल्यामुळे अध्यादेश क्रमांक 2/2010 तसेच क्रमांक 6 (34) (iii) ला अनुसरून प्रश्नांची उत्तरे सोडविण्याकरीता प्रती तास 20 मिनीटे परीक्षेत जादा वेळ वाढवून देण्यात यावा. ही विनंती

सहपत्र

अपंगाचा दाखला

Admission Card


विद्यापीठ परीक्षा समन्वयक
 स्व.मदन गोपाल मुंढडा कला वाणीज्य व
 अशोक विज्ञान महाविद्यालय, चांदूर र., जि.अमरावती

Principal
 Shri. Late Madangopalj Mundhada Arts
 Comm. & Science College, Chandur Rly.

Health Service

No. GHA / Phd. Cert. C/391
Office of the Civil Surgeon
General Hospital, Amravati

Date 6-2-86



Permanent Handicapped Certificate
Not For Employment

Certified that Shri./ Smt./ Ku. Roshan Vijaykumar Pampaliya
Age: 14 yr was medically been examined by me on 29.1.85
and found that he / she falls does under the category of physically handicapped persons in
terms of the definition laid down by Maharashtra Government under Govt. Resolution No
1077 / 3576 / 1433 / SVI - A dated the 23rd May 1978.

The nature of his / her disability is PPRP both lower limbs.

His / Her permanent disability of above deformity is 80 % (Eighty %)
percent of the part.


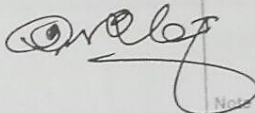
Identification Mark.

1. _____ 2. "विशेष शालेत जाण्यास पात्र"

R.M.O. Clinic
MEMBER
Handicap Board,
G. H. Amravati

ORTHOPEDIC SURGEON
General Hospital, Amravati.
Medical Officer


PRESIDENT
HANDICAP BOARD
General Hospital
Amravati

ANT GADGE BABA		AMRAVATI UNIVERSITY		ADMISSION CARD	
Roll No.	Registration/Enrolment No.	College Code	Centre Code	Name of Exam	
9297	14122158	4 122	807	B.A.PART-III Summer 2018	M
Name of Examination Centre					Photo & Signature of the Candidate
Rajshri Shahu Science Mahavidyalaya, Chandur Railway					 R. V. Pantulija
Candidate's Name					
ROSHAN VIJAYKUMAR PANPALIYA					
Candidate's Address					<p>The Candidate is Permitted to appear in the Examination. Please allow the Candidate to appear in the Examination.</p>  Controller of Examination
					<p>Note: Mobiles/Electronics Equipments are not allowed in the Examination Premises.</p>

SUMMER 2019

Ashok Education Society Ashoknagar's
Late Madangopal Mundhada Art's & Commerce College
 Chandur Rly. (444904) Distt. Amravati (M.S.) (07222) 254053
 NAAC Reaccredited 'B'

President
 Shri. S. N. Shende
 Ashok Education Society
 Ashok Nagar



Principal
 Dr. J. D. Karmore
 M.A.(Eng.)Ph.D.
 Mob: 7721021567

Ref. No. : AMV/ /2019 Date : 6 / 5 /2019

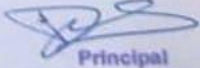
122
807

प्रति,
 प्राचार्य / केन्द्राधिकारी,
 राजर्षी शाहू विज्ञान महाविद्यालय,
 चांदूर रेल्वे

विषय :- उन्हाळी 2019 या परीक्षेत प्रति तास 20 मिनिटे जास्त वेळ वाढवून देण्याबाबत.
 महोदय,


उपरोक्त विषयानुसार श्री. नागेश गजाननराव काळमेघ, परीक्षा क्र. 68387
 (एम. कॉम. द्वितीय वर्ष, सत्र चवथे) या विद्यार्थ्यास शारीरिकदृष्ट्या अपंगत्व असल्यामुळे
 अध्यादेश क्रमांक 2/2010 तसेच क्रमांक 6 (34) (iii) ला अनुसरून प्रश्नांची उत्तरे
 सोडविण्याकरिता प्रति तास 20 मिनिटे परीक्षेत जास्त वेळ वाढवून देण्यात यावा. ही विनंती.


सहपत्र :-
 अपंगाचा दाखला


 Principal
 Late Madangopal Mundhada
 Arts & Commerce College, Chandur Rly.

Government of Maharashtra
Form-IV
Disability Certificate
(In cases other than those mentioned in Forms II and III) (See rule 4)

PI/ 822
 Dt: 22/5/16





NAME OF THE HOSPITAL: **District Hospital, Amravati**
(Maharashtra, India)

Certificate Number: 277569 Date: 08/03/2016

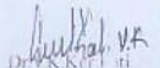
This is to certify that I have carefully examined.
 Person Identification Number: **PI50300370808**
 Aadhar Number: **N/A**
 Shri/Smt./Kum: **KALMEGH NAGESH GAJANANRAO NIL**
 Father Name: Shri/Smt./Kum: **GAJANANRAO**
 Date of Birth (dd/mm/yyyy): _____ Age: **22 years**
 Gender: **Male**
 Permanent Address:
 House Address: **N/A**
 Village: **Thura** Taluka: **Dhamangaon**
 District: **Amravati** Pincode: **N/A**


whose photograph is affixed above, and am satisfied that he / she is a case of **Physical Impairment** disability. His / Her extent of percentage physical impairment / disability has been evaluated as per guidelines and is shown against the relevant disability in the table below :-

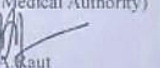
Disability	Affected part of Body	Diagnosis	Disability (in %)
Physical Impairment	Rt. U/L, Lt. L/L	HEMIPARESIS RIGHT	58

- The Above condition is **Permanent, non-progressive, not likely to improve**
- Reassessment of disability
- The applicant has submitted following documents as proof of residence: **Aadhar Card**
- The applicant has submitted following documents as proof of Identity: **Aadhar Card**

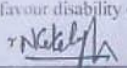
(Signature and Seal of Authorised Signatory of notified Medical Authority)

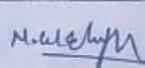

 Dr. V.K. Kulkarni
 Orthopedic Surgeon
 Member
 Regn. No. : 22694




 Dr. Ashok Wankar
 Additional Civil Surgeon
 Member Secretary
 Regn. No. : 56967


 Dr. A.A. Raut
 Civil Surgeon
 President
 Regn. No. : 2001/07/2599

Signature/Thumb impression of the person whose favour disability certificate is issued

Note: This is not valid for Medical Legal cases. 



SANT GADGE NABA		AMRAVATI UNIVERSITY		ADMISSION CARD	
Roll No.	Registration No.	College Code	Centre Code	Name of Exam	Sex
68387		0 122	807	MASTER OF COMMERCE PART-II SEMESTER-IV(CGS) Summer 2019	M
Name of Examination Centre				Photo & Signature of the Candidate	
Rajshree Shahu Science Mahavidyalaya, Chandur Railway				 N.G. Kalmech	
Applicant's Name					
NAGESH GAJANANRAO KALMECH					
Applicant's Address				<p>The Candidate is Permitted to appear in the Examination. Please allow the Candidate to appear in the Examination.</p>  Director Board of Exam. & Evaluation	
				<p>Note : Mobiles/Electronic Equipments are not allowed in the Examination Premises.</p>	

N.G. Kalmech

SUMMER 2022

Late Madangopal Mundhada Arts, Commerce & Ashok Science College
 Chandur Rly. (444904) Distt. Amravati (M.S.) (07222) 254053
 NAAC Reaccredited 'B'

President
Shri. S. N. Shende
 Ashok Education Society
 Ashoknagar

Principal
Dr. J. D. Karmore
 M. A. (Eng.) Ph. D.
 Mob. :- 7721021567

Ref. No. : AMV/ Q /2022
 Date : 22/06/2022
 College Code – 122

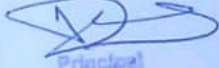
प्रति,
 प्राचार्य
 राजश्री महाविद्यालय चांदूर रेल्वे

विषय :- सदर विद्यार्थ्याला पेपर करिता अतिरिक्त वेळ देण्याबाबत...




महोदय
 वरील विषयास अनुसरून आपणाला कळविण्यात येते की, प्रेम प्रतापराव श्रीरामे हा विद्यार्थी बी. कॉम भाग – 2 (सेम – 4) ला नियमित विद्यार्थी आहे. हा विद्यार्थी अपंग (MUSCULAR DYSTROPHY) असल्यामुळे विद्यापीठाच्या नियमानुसार त्याला अतिरिक्त वेळ देण्यात यावी.

सहपत्रे :-


1. अपंग प्रमाणपत्र
2. परीक्षा ओळखपत्र


 Principal
 Late Madangopal Mundhada
 Arts & Commerce College, Chandur Rly.

PI 790
दिन 06/03/19

Department of Empowerment of Persons with Disabilities,
Ministry of Social Justice and Empowerment, Government of India


Disability Certificate
 Issuing Medical Authority, Amravati, Maharashtra

Certificate No.: MH0720620020037880 Date: 05/03/2019

This is to certify that I/We have carefully examined Shri Prem Prataprao Shrirame Son of Shri Prataprao Date of Birth 07/02/2002 Age 16 Year(s) Male, Registration No. 2707/00000/1901/1878637 resident of House No. Chadur Railway - 444904 Sub District Amravati District Amravati State / UTs Maharashtra Whose photograph is affixed above, and I/We satisfied that:

(A) He is a case of Locomotor Disability
 (B) The diagnosis in his case is **MUSCULAR DYSTROPHY**


(C) He has 50%(in figure) Fifty percent(in words) Permanent in relation to his (part of body) as per guidelines (to be specified).

The applicant have been submitted the following document(s) as proof of residence
 Nature of Document(s): Aadhaar card

दिने ०५/०३/२०१९

Signature / Thumb Impression of the Person With Disability

Signatory of notified Medical Authority Member

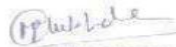


Issuing Medical Authority, Amravati, Maharashtra

This Card/Certificate is meant to certify the disability of the person and is not an instrument for ID/Address Proof for any purpose.


IQAC Co-ordinator
 Rajarshee Shahu Science College
 Chandur Rly., Dist. Amravati
(Dr. Minal Keche)




Principal
 Rajarshee Shahu Science College
 Chandur Rly., Dist. Amravati
(Dr. Mahesh Chikhale)
 Chairman IQAC and Principal