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Supporting Documents for NAAC Self Study Report (SSR) (3rd Cycle)

Period: 2017-2022

Criterion 7	Key Indicator: 7.1			
INSTITUTIONAL VALUES AND BEST PRACTICES	Institutional Values and Social Responsibilities			
Metric Number: 7.1.2	Institutional facilities and initiatives			

Prepared and submitted by Jorhat Kendriya Mahavidyalaya Submitted To







NAAC
NATIONAL ASSESSMENT AND ACCREDITATION







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CRITERION - 7

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1.2- INSTITUTIONAL FACILITIES AND INITIATIVES-

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- MANAGEMENT OF VARIOUS TYPES OF DEGRADABLE AND NON-DEGRADABLE WASTE
- > WATER CONSERVATION
- > GREEN CAMPUS INITIATIVES
- > DISABLED-FRIENDLY BARRIER FREE ENVIRONMENT

Pranjal Dutta
Coordinator, IQAC





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7.1.2-INSTITUTIONAL FACILITIES AND INITIATIVES

1.

ALTERNATE SOURCES OF

ENERGY

AND

ENERGY CONSERVATION

MEASURES







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ALTERNATE SOURCES OF ENERGY

INITIATIVES OF INSTITUTION FOR ALTERNATE SOURCES OF ENERGY

The College recognizes its responsibility towards the environment and the need to promote sustainable use of resources. For a strong environmental consciousness, various ecological activities are pursued within campus premises like rainwater harvesting, adopting green practices and using renewable energy sources to meet partial power requirement. For harnessing renewable energy sources, steps have been initiated to save electrical energy by gradually replacing fluorescent and incandescent lights with LED lights and installations of Solar Panels ensuring procurement of energy efficient equipment. The college makes a conscious effort to minimize the consumption of energy and to make the campus environment friendly.

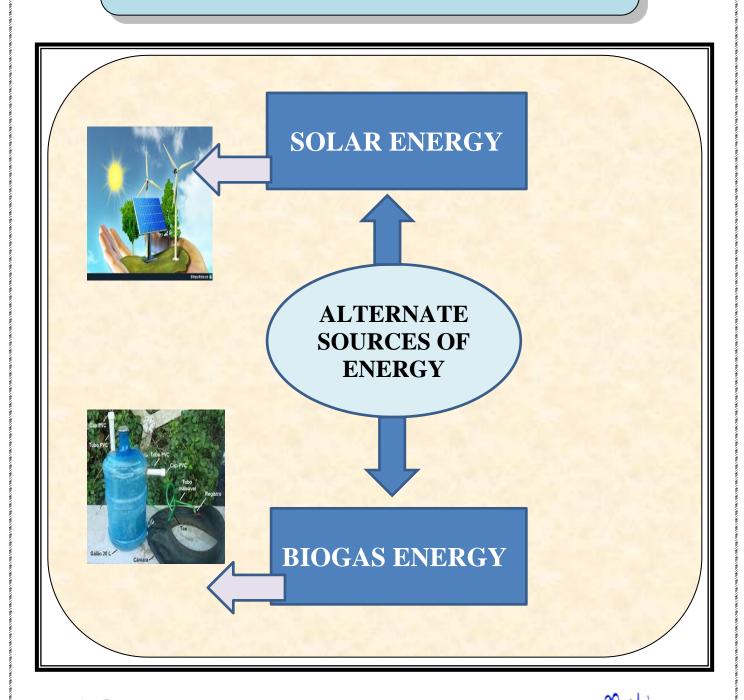
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INITIATIVES TAKEN BY THE INSTITUTE TO PROMOTE ALTERNATE ENERGY SOURCES









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SOLAR ENERGY

INITIATION OF THE INSTITUTE TO PROMOTE ALTERNATE SOURCES OF ENERGY

> INSTALLATION OF SOLAR CAROUSAL ON THE ROOF TOP FOR ITS MULTIPURPOSE USE

The college has an Incubation and Innovative cell, registered under Govt. of India's Incubation and Innovation cell. Many start up products are released under this cell which includes a "Solar Carousal" designed by IIC, JKM, inaugurated on National Science Day,2022. The Solar Carousal is established on the roof top of Administrative Building and is designed by the Innovation and Incubation cell, JKM, where there is provision for the students of the college to charge their mobiles in an eco-friendly environment. One Fan and a LED Bulb is also provided under this system.

> INSTALLATION OF PHOTO-VOLTAIC SOLAR PANEL ON THE ROOF TOP

A Photo Voltaic Solar Panel has been installed on the roof top of Administrative Building as an alternate source of energy.

INSTALLATION OF BIOGAS DIGESTER TANK

A Biogas Tank have been installed in the Science Building of the college to generate Biogas, as an alternate source of fuel energy.

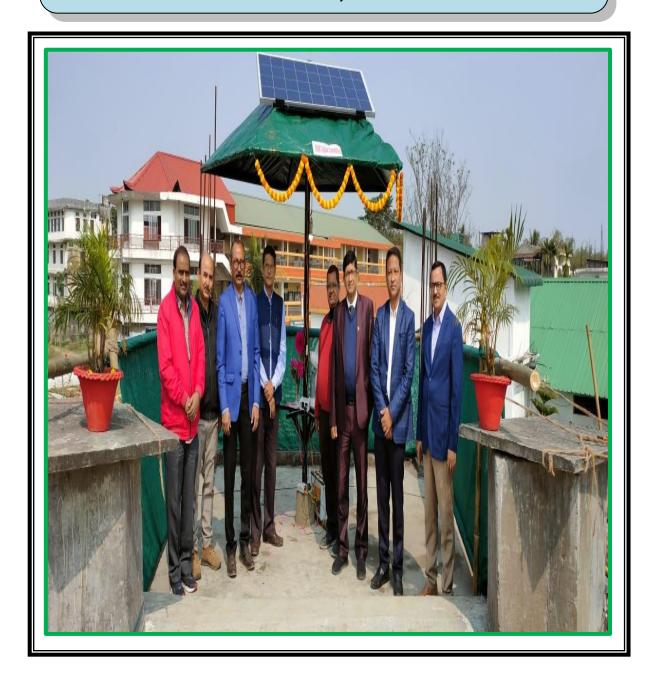






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SOLAR CAROUSAL DESIGNED BY INCUBATION AND INNOVATION CELL, JKM INAUGURATED ON SCIENCE DAY, 2022









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INAGURATION CEREMONY OF NATIONAL SCIENCE DAY ,2022









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NATIONAL SCIENCE DAY CELEBRATION 2022











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JKM START UP PRODUCTS RELEASED AND INAUGURATED ON 28TH OF FEBRUARY, 2022 (SCIENCE DAY)

J&M Start-up products to be released on 28th February 2022



"JKM Solar Carousel"



LED Repairing Centre

J&M Start-up Services to be released on 28th February 2022



GotudiT

J(MStart-up

Consultancy Service

Solution For Green Audit

butto

Pranjal DuttaCoordinator, IQAC





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INSTALLATION OF PHOTO-VOLTAIC SOLAR PANEL ON THE ROOF TOP

A major step has been initiated by the Institute for conservation of electrical energy by installing a Photo-Voltaic Solar Panel on the Roof Top, which has the capacity to generate a power of approximately 2.16 KW.

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PHOTO-VOLTAIC SOLAR PANEL ON THE ROOF TOP



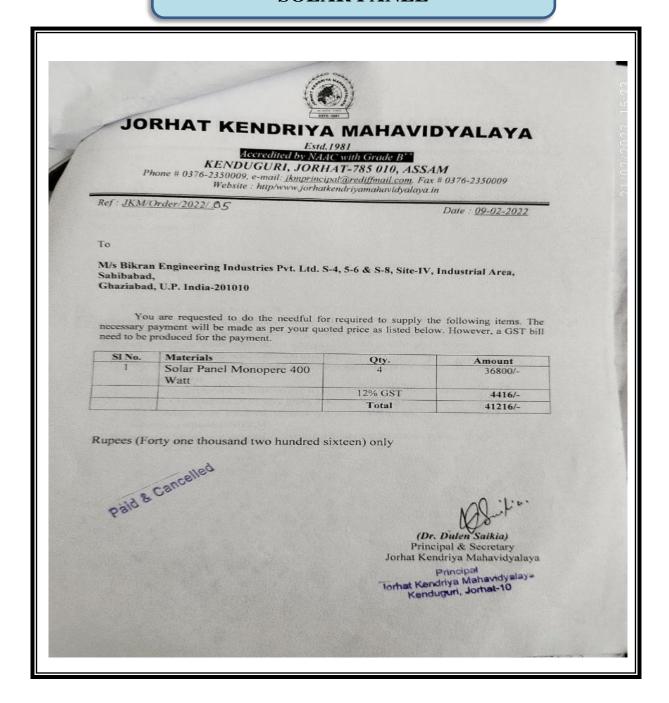






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SAMPLE COPY OF BILL OF THE SOLAR PANEL



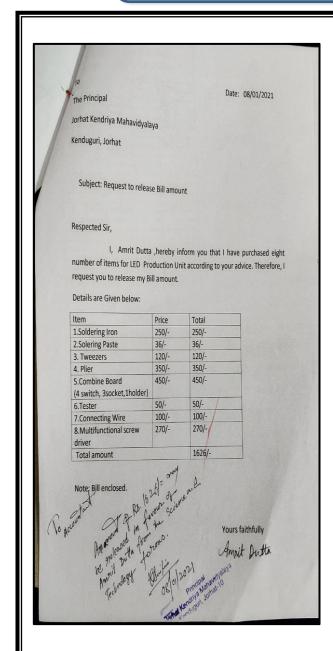
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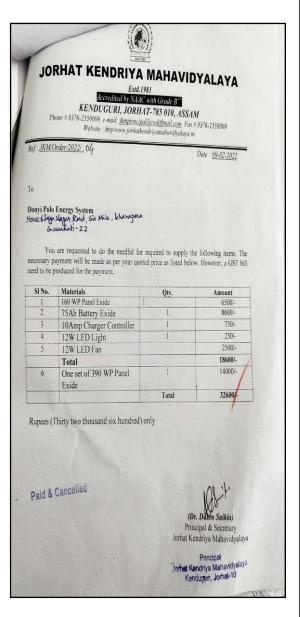




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BILLS OF THE LED PRODUCTION UNIT AND PURCHASE OF LED BULBS (SAMPLE COPY)











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SEUJ ASRAY, THE NEW PROJECT OF JKM

SEUJ ASRAY, THE NEW PROJECT OF JKM

Seuj Asray, the new project of JKM, which is under construction is based on a very innovative technology and concept of multipurpose Bhaban, where there will be a provision for rainwater harvesting system, renewable solar energy along with canteen facilities for staff and guests. The foundation stone was laid by Honourable MP, Lok Sabha Sri. Topon Kr. Gogoi.







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THE SEUJ ASROY, A MULTIPURPOSE BUILDING (PROPOSED MODEL)

THE SEUJ ASROY, A MULTIPURPOSE BUILDING (HAVING PROVISION FOR RENEWABLE SOLAR ENERGY, RAIN WATER HARVESTINGSYSTEM WITH CANTEEN FACILITIES FOR STAFF AND GUEST IS UNDER CONSTRUCTION)









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SEUJ ASRAY, FOUNDATION LAID BY SHRI TOPON KR. GOGOI, HON'BLE MEMBER OF PARLIAMENT, LOK SABHA











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SEUJ ASRAY UNDER CONSTRUCTION











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INSTALLATION OF BIOGAS DIGESTER TANK IN THE SCIENCE BUILDING OF THE COLLEGE AS AN ALTERNATE SOURCE OF ENERGY

In an attempt to reduce the waste generated in the college campus, a Biogas Plant is set up where all the kitchen waste generated in the college canteen and hostel kitchen were dumped and converted into Biofuel or Biogas. The Biogas produced further is used in various ways.

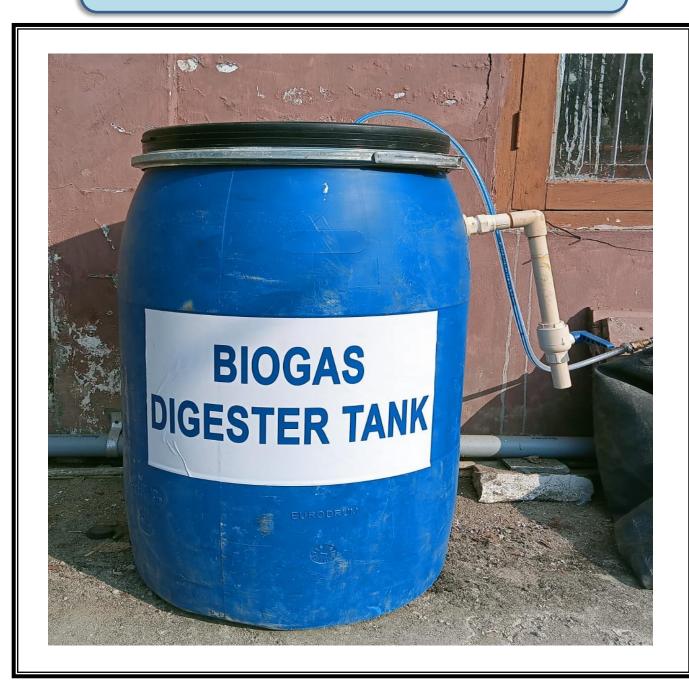
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INSTALLATION OF BIOGAS DIGESTER TANK









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FILLING OF THE TANK WITH COWDUNG SLURRY WITH THE KITCHEN WASTE GENERATED FROM HOSTEL AND CANTEEN





785010, India

Latitude Longitude

26.769651666666665° 94.24423833333334°

Local 01:25:30 PM Altitude 27.7 meters

GMT 07:55:30 AM Tuesday, 02.14.2023







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MEASURES OF THE

INSTITUTE

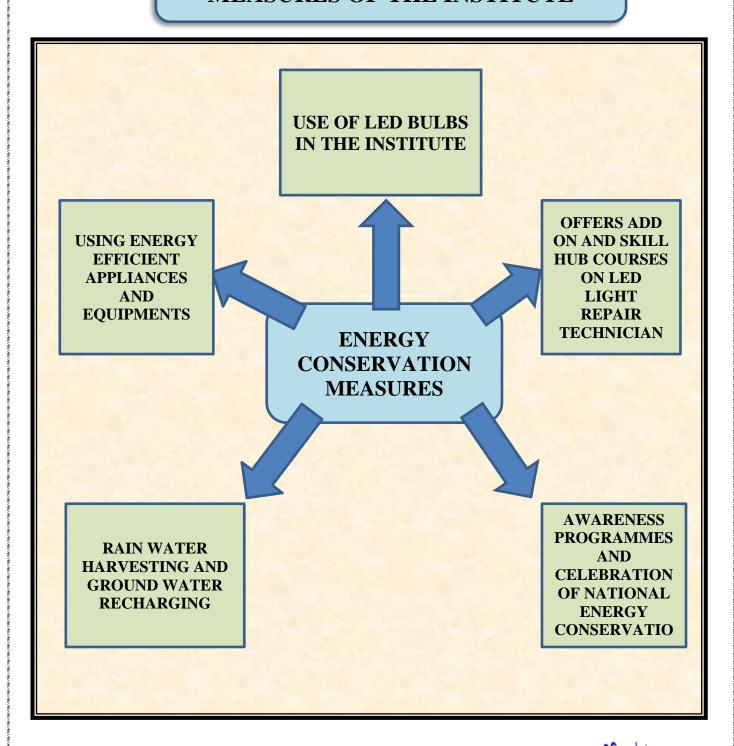






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ENERGY CONSERVATION MEASURES OF THE INSTITUTE









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USE OF LED BULBS IN THE INSTITUTE

For harnessing renewable energy sources, steps have been initiated to save electrical energy by gradually replacing fluorescent and incandescent lights with LED lights by the institute. There are altogether 203 LED bulbs in the college which have reduced the energy consumption to a large extent.







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LED BULBS AND TUBE LIGHTS IN DIFFERENT LOCATIONS IN THE COLLEGE















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LED BULB PRODUCTION AND REPAIRING CENTRE, JKM

A LED BULB PRODUCTION AND LIGHT REPAIRING CENTRE WAS SET UP IN THE COLLEGE WITH THE PRODUCTION OF LED BULB NAMED "JKM RHINO" AS JKM START UP PRODUCT



PHOTO- LED LIGHT PRODUCTION AND REPAIRING LABORATORY







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Coordinator, IQAC





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LED LIGHT TESTING BOARD OF THE COLLEGE









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A COMPARATIVE STATEMENT OF POWER CONSUMPTION BY CONVENTIONAL LIGHT WITH THAT OF LED LIGHT AS PER ENERGY AUDIT OF THE COLLEGE

Following calculations are done for 8 hours working:

- Power consumption by 36 W FTL with conventional choke = 40 W/ Tube Light
- Equivalent LED tube light = 16 W/ Tube Light
- Savings in power = 24 W/ Tube Light
- Operating hours = 8 h/day x 300 = 2400 h/year
- Tube Light Yearly savings = 2400 x 24 W = 57.6 kWh/year/Tube Light
- Average Cost of electricity = Rs.6.80/kWh
- Saving = 57.6 kWh x 6.80 = Rs.391.68 / year/ Tube light
- Approximate investment on single LED Tube lights = Rs. 200
- Number of Tube Lights to be replaced = 315

Summary:

- √ Total Yearly Saving =315 x 391.16 = Rs. 123215.4/year
- √ Total Investment = 315 x Rs. 200 = Rs. 63000/-







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ADD ON AND SKILL HUB

CERTIFICATE COURSES ON

LED BULB REPAIRING

TECHNICIAN







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ADD ON CERTIFICATE COURSE ON LED LIGHT REPAIRING TECHNICIAN COURSE

A THREE MONTHS ADD ON CERTIFICATE COURSE ON LED LIGHT REPAIRING TECHNICIAN COURSE WAS INTRODUCED IN THE YEAR 2022 IN ORDER TO ENHANCE AND ENRICH STUDENTS LEARNING EXPERIENCE



Department of Physics JORHAT KENDRIYA MAHAVIDYALAYA

Re-accredited by NAAC with Grade B++

KENDUGURI, JORHAT-785 010, ASSAM

Phone # 0376-2350009, 75778 00691(M) e-mail: departmentphysics962@gmail.com

Website : www/jorhatkendriyamahavidyalaya.in

Ref	Date:

Three months Add on certificate course

The Department of Physics has introduced one Add-on Certificate Courses with the aim of enhancing and enriching the student's learning experience in the college and to bring about a more holistic approach for learning and developing necessary skills for various vocation and careers. The introduced Courses are-

SI. No.	Course Name LED bulb repairing technician	Mr. Arup Saikia Mr. Amrit Dutta	Description		
1			It is a three months Certificate course for the UG students of both Arts and Science stream. The Course aims to enhance the skill in the field of Electronics Sector for Self-employment and empowerment of the students.		

Mr. Rajib Bordoloi HOD Department of Physics

Head Department of Physics Jorhat Kendriya Mahavidy lay**a** Kenduguri, Jorhat-10

Pranjal Dutta
Coordinator, IQAC





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SKILL HUB INITIATIVE COURSE ON LED LIGHT REPAIR TECHNICIAN COURSE (UNDER NSDC, PMKVY -3.0 SCHEME)

BATCH START DATE-15-03-2022









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CLASSES GOING ON FOR SKILL HUB LED BULB REPAIR TECHNICIAN COURSE









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SAMPLE COPY OF THE CERTIFICATE ISSUED FOR LED BULB REPAIR TECHNICIAN COURSE









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SAMPLE COPY OF THE CERTIFICATE RECEIVED BY THE STUDENTS
UNDER SKILL HUB INITIATIVE, PMKVY-3.0 SCHEME
JOB ROLE- LED BULB REPAIR TECHNICIAN

NC VET भोतत युगवता प्रगित	_E LE ^{CTRONICS} SEC राष्ट्रीय व्यार (Red	नटर रिकल्स कार्जसिल व TOR SKILLS COU ासायिक शिक्षा एवं प्रशिक्षण प मान्यता प्राप्त cognised by NCVET) प्रमाणपत्र CRTIFICATE	NCIL $_{OF}$ $^{IN}D_{I_{A}}$	प्रमाणपत्र संख Certificat	या e No : ABASA00100020
प्रमाणित किया जाता है कि This is to certify that		Mr. Debasish			
सुपुत्र Son of	Late Prodip Bora	आधार संख्या Aadhaar No.		XXXXXXXX5	658
ने अहर्ता / जॉब रोल for qualification		Led Light Repair Te	echnician		
अवधि of Duration	राष्ट्रीय कौशल योग्यता संरचना स्तर 360 Hrs National Skills Qualifications	Framework		Level 4	
प्रशिक्षण केन्द्र Training Centre	Jorhat Kendriya Mahavidyalaya	जिला District	Jorhat	राज्य State	Assam
का आकरान सफरातापूर्वक has successfully cleare जो करने का स्थल Place of Issue. Delhi किस्सार करिया के स्थापन किया e-Verification link: lattps://www.	d the assessment with B grade जर्म प्रश्न के विवेद Date of Issue: 28.12.2022	/ श्रेणी के साथ उत्तीर्ण किया। PMKY प्राप्तनंती वीरात पिठता चीना		पद]	ESSCT THE Name: Amrit Manwani Designation: Chairperson Signature:







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AWARENESS PROGRAMMES

AND CELEBRATION OF

NATIONAL ENERGY

CONSERVATION DAY







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AWARENESS PROGRAMME ON ENERGY CONSERVATION

OBSERVATION OF NATIONAL ENERGY CONSERVATION DAY ON 14TH OF DECEMBER, 2021



A PRESENTATION BY PRINCIPAL, JKM ON ENERGY CONSERVATION



A PRESENTATION ON ENERGY CONSERVATION TECHNIQUES BY PINAKI HAZARIKA, HOD, DEPT. OF BOTANY







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OBSERVATION OF NATIONAL ENERGY CONSERVATION DAY ,2022



RELEASE OF STICKER FOR ENERGY CONSERVATION WHICH IS STICKED TO EVERY ROOM OF THE COLLEGE SO THAT EVERYONE IS AWARE ABOUT ENERGY CONSERVATION MEASURES



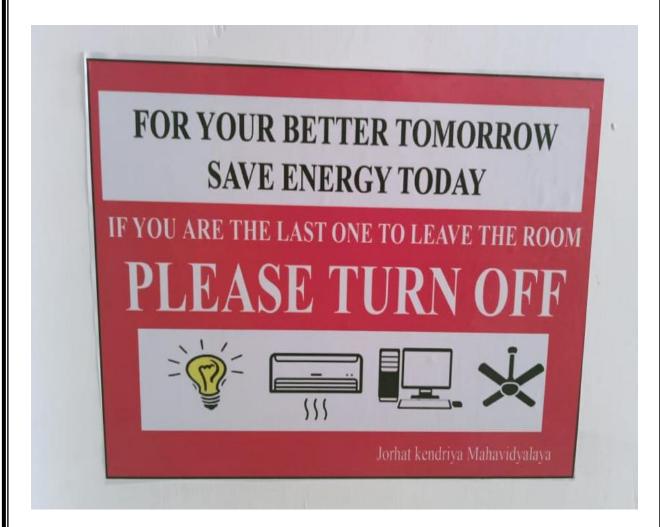






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A STICKER WAS RELEASED IN THE NATIONAL ENERGY CONSERVATION DAY CELEBRATED IN THE COLLEGE ON 14-12-2022 TO AWARE EVERYONE ABOUT ENERGY CONSERVATION



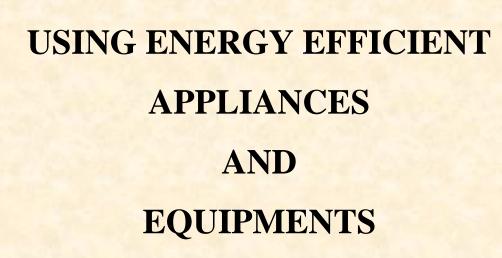
THE STICKER RELEASED WAS STICKED ON THE WALLS OF EVERY ROOM OF THE COLLEGE TO AWARE EVERYONE ABOUT THE IMPORTANCE OF SAVING ENERGY







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ENERGY EFFICIENT APPLIANCES









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2.

MANAGEMENT OF VARIOUS TYPES OF DEGRADABLE AND NON-DEGRADABLE WASTE

JKM key operations has very less impact on the environment as the Institute is very conscious of generating less waste and recycling it by passing it through a system that enables the used material to be reused ensuring that fewer natural resources are consumed.

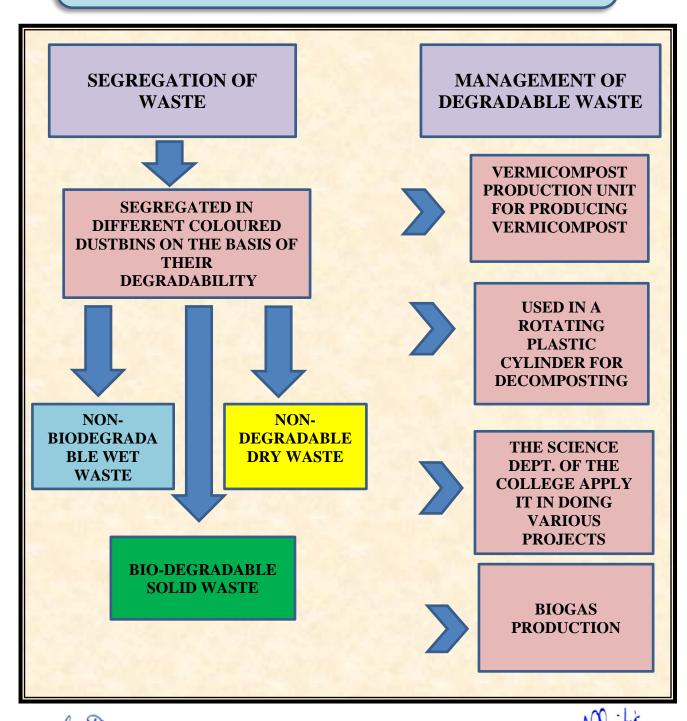






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FACILITIES IN THE INSTITUTION FOR THE MANAGEMENT OF THE DEGRADABLE AND NON-DEGRADABLE WASTE









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MANAGEMENT OF SOLID BIO-DEGRADABLE WASTE

MANAGEMENT OF SOLID BIO- DEGRADABLE WASTE GENERATED IN THE COLLEGE

- The waste generated by all sorts of routine activities carried out in the College is segregated at source level into different coloured dustbins on the basis of their degradability.
- Apart from this, bamboo dustbins are provided in different locations within the campus.
- ➤ The Biodegradable waste collected from the college campus is used in the Vermicomposting Unit to produce vermicompost. The compost produced is then used in the garden area. The Vermicompost produced from this unit is named as "Krishi Mitra". As JKM start up product it was released on 28-02-2022 ie on National Science Day.
- The college also provides Skill courses on Vermicompost Producer under Skill Hub Initiative (Sponsored by NSDC and UGC under PMKVY-3.0 Scheme) and Add on Courses (Dibrugarh University approved)
- Few attempts of solid waste management have also been taken by few departments of the college-
- ➤ The different solid waste collected from the college campus are burnt at a high temperature in a unique incinerator designed by the Chemistry Department.
- An initiative has been taken by the students of Chemistry department to collect and decompose organic waste from the college canteen and hostel in a plastic rotating cylindrical drum designed by them.
- The organic waste is also decomposed in a biogas plant digester to produce biogas.







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SEGREGATION OF WASTE IN VARIOUS BINS

SEPARATE DUSTBINS FOR SEGREGATION









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BAMBOO DUSTBINS ARE PLACED IN DIFFERENT LOCATIONS IN THE COLLEGE

BAMBOO DUSTBINS PLACED IN VARIOUS LOCATIONS IN THE CAMPUS















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VERMICOMPOST PRODUCTION UNIT









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THE VERCOMPOST PRODUCED IS NAMED AS "KRISHIMITRA" A START UP PRODUCT OF JKM

PACKAGING GOING ON FOR "KRISHIMITRA" VERMICOMPOST











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PLASTIC ROTATING CYLINDRICAL DRUM FOR COMPOSTING DESIGNED BY DEPARTMENT OF CHEMISTRY

COMPOST PRODUCED FROM THE KITCHEN WASTE









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PROJECT UNDERTAKEN BY DEPARTMENT OF CHEMISTRY

EXTRACTION OF BANANA FIBRE FROM BANANA STEM USING NAOH













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BIOGAS DIGESTER TANK

THE ORGANIC WASTE IS ALSO DECOMPOSED IN A BIOGAS PLANT DIGESTER TO PRODUCE BIOGAS.



Q69V+VP6, Number 2, Charigaon, Brahmingaon, Assam 785010, India

Latitude

26.769698333333334°

Local 01:26:23 PM

GMT 07:56:23 AM

Longitude

94.244175°

Altitude 48.3 meters

Wednesday, 02.22.2023







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WASTE RECYCLING PROCESS
A PROJECT DONE BY THE STUDENTS OF
CHEMISTRY

WASTE MANAGEMENT: STUDY AND QUALITY ANALYSIS OF HOMEMADE PAPER









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SOME ARE BURNT AT
HIGH TEMPERATURE IN A
UNIQUE INCINERATOR
DESIGNED BY CHEMISTRY
DEPARTMENT

THE E-WASTE AND
OTHER SOLID WASTE
MATERIALS ARE
DISPOSED OFF THROGH
VENDOR TIME TO TIME

FEW OF COLLECTED E –WASTE IS STORED IN THE E-WASTE MUSEUM

Pranjal Dutta
Coordinator, IQAC





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INCINERATOR DESIGNED BY CHEMISTRY DEPARTMENT

THE DIFFERENT SOLID WASTE COLLECTED FROM THE COLLEGE CAMPUS ARE BURNT AT A HIGH TEMPERATURE IN A UNIQUE INCINERATOR DESIGNED BY THE CHEMISTRY DEPARTMENT.



Q69V+XQF, By Pass Rd, Charigaon, Kenduguri, Assam 785010, India

Latitude

Longitude

26.769838333333336°

94.24431000000001°

Local 03:26:29 PM

Altitude 7.64 meters

GMT 09:56:29 AM Wednesday, 22.02.2023

Pranjal Dutta
Coordinator, IQAC





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MOU SIGNED WITH THE VENDOR

MEMORANDUM OF UNDERSTANDING

(E-Waste Management Service Agreement)

This Agreement is entered into between Jorhat Kendriya Mahavidyalaya "Jorhat and JBEEZ Enterprise Na-Ali Dhekiajuli, Jorhat "Assam on 26-02-2021 for the management of and disposal of all our e-waste in order to sustain Jorhat Kendriya Mahavidyalaya Campus and to conserve our Pure and Green Surrounding as well as Human Resources.

As a part of the Agreement JBEEZ Enterprise will buy all the E-waste created and generated from Jorhat Kendriya Mahavidyalaya Campus. JBEEZ Enterprise will frequently enquire availability of E-Waste or Jorhat Kendriya Mahavidyalaya will inform the availability of E-Waste. Both will mutually decided the rates of the E-waste. This Agreement will continue until JBEEZ Enterprise and Jorhat Kendriya Mahavidyala decides to terminate or close it. JBEEZ Enterprise may terminate or close the MOU by giving prior notice to the authority. Once terminated or closed Neither Jorhat Kendriya Mahavidyalaya or JBEEZ Enterprise will responsible for any losses of liabilities.

Mentioned Term in this Agreement

In this Agreement the Term E-Waste is defined "Electrical" and electronic equipment, whole or in part disassemble as wastes that have become unwanted non working or quaint and have essentially reached the end.

Signatures of Both Parties

(Dr.Dulen Saikia)

Principal

Jorhat Kendriya Mahavidyalaya

Principal Jorhat Kendriya Mahavidyalaya Kenduguri, Jorhat-10 JBEEZ Enterprise

Authority

With Borah

Pranjal Dutta
Coordinator, IQAC





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SKILL AND ADD ON CERTIFICATE COURSES ON SOLID WASTE MANAGEMENT AND VERMICOMPOST PRODUCER ARE INTRODUCED IN THE COLLEGE FOR ITS PROPER IMPLEMENTATION AND BENEFIT OF THE STUDENTS (COLLEGE AND DROP OUT STUDENTS)

SKILL HUB INITIATIVE COURSE ON VERMICOMPOST PRODUCER



Pranjal DuttaCoordinator, IQAC





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ADD ON CERTIFICATE COURSE ON SUSTAINABLE DEVELOPMENT OF SOLID WASTE



CHEMISTRY DEPARTMENT

estd.1992

Jorhat Kendriya Mahavidyalaya

Kenduguri, Jorhat-785010 Assam Phone No: 0376-2350009, email: chemistrydepartment jkm@gmail.com Fax#0376-2350009 www.jorhatkendriyamahavidyalaya.com

Year: 2021-22

Sl no	Course name	Duration of the Course	No of Students Enrolled for the course	No of student completed the course
1	Sustainable Development of Solid Waste	3 months	18	18

1. Syllabus







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LIQUID WASTE MANAGEMENT

WATER PURIFICATION USING PVC-FILTER METHOD A PROJECT BY DEPARTMENT OF CHEMISTRY





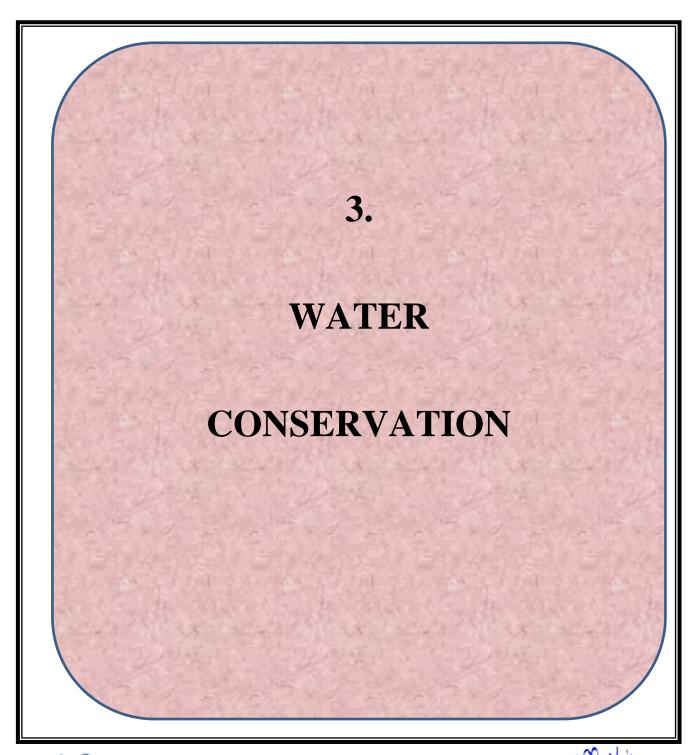








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RAIN WATER HARVESTING AND GROUND WATER RECHARGING

ROOF TOP RAINWATER HARVESTING STRUCTURE-

The college has created 5 No.S of Roof Top Rainwater harvesting structures in the various buildings of the college (Roof-Top of Auditorium, Rusa, Arts, Science Building and in the newly constructed (Seuj Asray) for collection and storage of rainwater. Collected rainwater from the roof is redirected to different catchment areas like tanks, water bodies and reservoirs for its future use.

Storage Capacity

Storage Capacity from all the above five rooftop structures is near about 35.000Litres.

Functional Status:

The harvested rainwater is used for the purpose of Lavatory, cleaning Laboratory glassware's, running distillation apparatus, gardening and washing in college as well as it is utilized for the cleaning purposes in Girls' Hostel.

GROUND WATER RECHARGING STRUCTURES-

JKM has provisions for Ground Water Recharge. The Surplus rainwater is directed to two installed groundwater recharge well, which is an important technique for sustainable groundwater

Pranjal Dutta
Coordinator, IQAC





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RAIN WATER HARVESTING STRUCTURE IN ARTS BUILDING OF THE COLLEGE

RAIN WATER HARVESTING STRUCTURE

CATCHMENT AREA – TANKS



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RAIN WATER HARVESTING (CATCHMENT AREA -POND)

RAIN WATER HARVESTING (CATCHMENT AREA – POND)









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WATER FROM THE ROOF TOP IS REDIRECTED TO CATCHMENT AREA



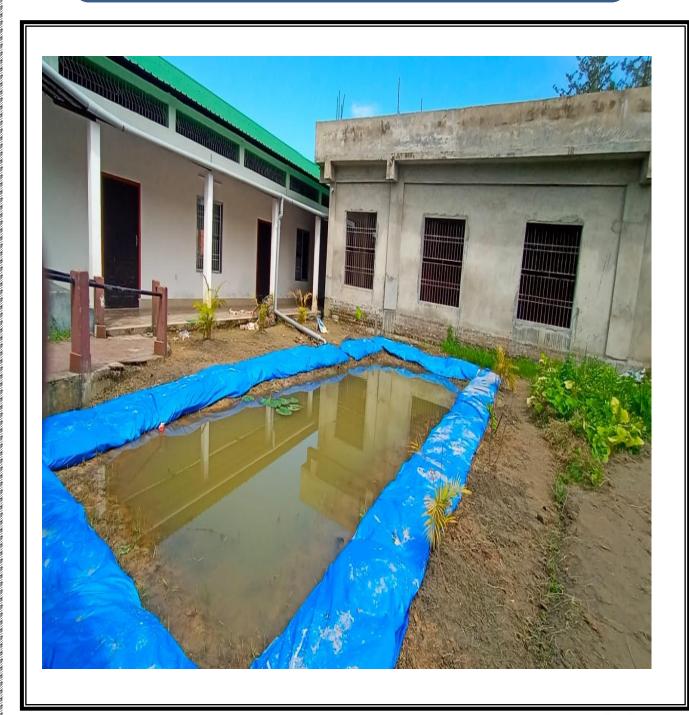






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RAIN HARVESTING STRUCTURE ON THE ROOF TOP OF AUDITORIUM BUILDING AND ITS CATCHMENT AREA



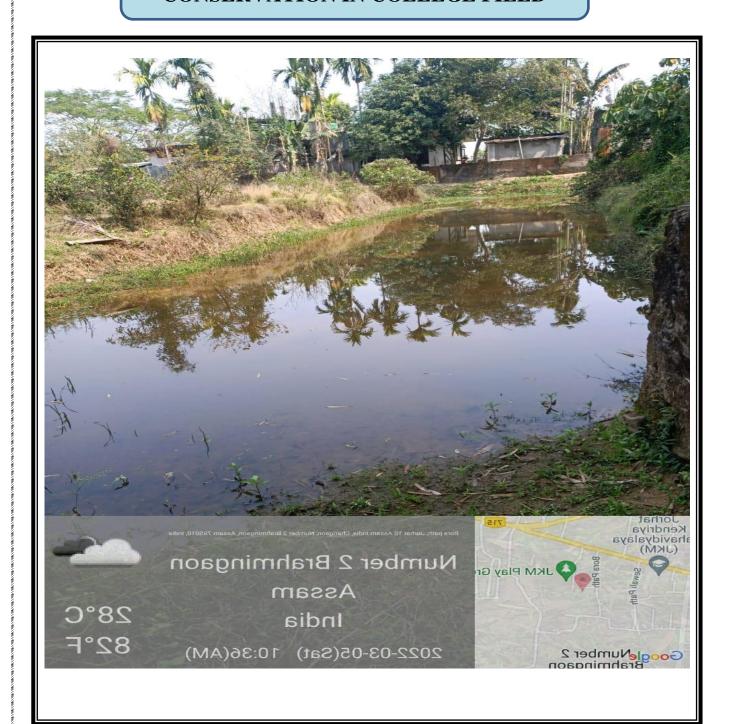






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NATURAL POND FOR WATER CONSERVATION IN COLLEGE FIELD









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POND AS CATCHMENT AREA IN THE BOTANICAL GARDEN OF THE COLLEGE

POND AS CATCHMENT AREA IN THE BOTANICAL GARDEN









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GROUND WATER RECHARGING

GROUND WATER RECHARGE









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RAINWATER COLLECTED FROM ROOF TOP IS DIRECTED TO SUBMERGED WELL

GROUND WATER RECHARGING POINT

Rain water collected from Roof Top is directed to the submerged well









Affiliated by Dibrugarh University

The Seuj Asroy, the new project of JKM, which is under construction is based on a very innovative technology and concept of multipurpose Bhaban, where there will be a provision for rainwater harvesting system, renewable solar energy along with canteen facilities for staff and guests. The foundation stone was laid by Honourable MP, Lok Sabha Sri. Topon Kr. Gogoi.

MODEL OF THE NEW PROJECT "SEUJ ASROY"









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AWARENESS PROGRAMME ON WATER CONSERVATION

The college organizes Awareness Programs on Water crisis and Conservation of Water in college, schools as well as in the adopted villages on the occasion of World Water Day, for bringing awareness in the students and in the common people about the value of water, its crisis, need for its conservation and the conservation.



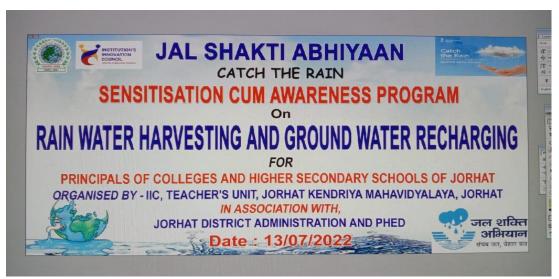






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JAL SHAKTI ABHIYAAN, SENSITIZATION CUM AWARENESS PROGRAM ON RAIN WATER HARVESTING AND GROUND WATER RECHARGING IN ASSOCIATION WITH JORHAT DISTRICT ASSOCIATION AND JAL SHAKTI MISSION MINISTRY OF WATER RESOURCE WAS HELD ON 13-7-2022





PROGRAMME WAS PARTICIPATED BY PRINCIPALS OF COLLEGES AND HIGHER SECONDARY SCHOOLS OF JORHAT DISTRICT. NEARLY 150 TEACHER PARTICIPANTS AND NEARLY 500 STUDENTS WERE BENEFITED FROM IT







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NEWS ON WATER CONSERVATION PROGRAMMES OF THE COLLEGE





PHOTO SHOWING THE NEWSPAPER NEWS ON AWARENESS PROGRAMMES CONDUCTED BY THE COLLEGE ON WATER CONSERVATION

Pranjal Dutta
Coordinator, IQAC

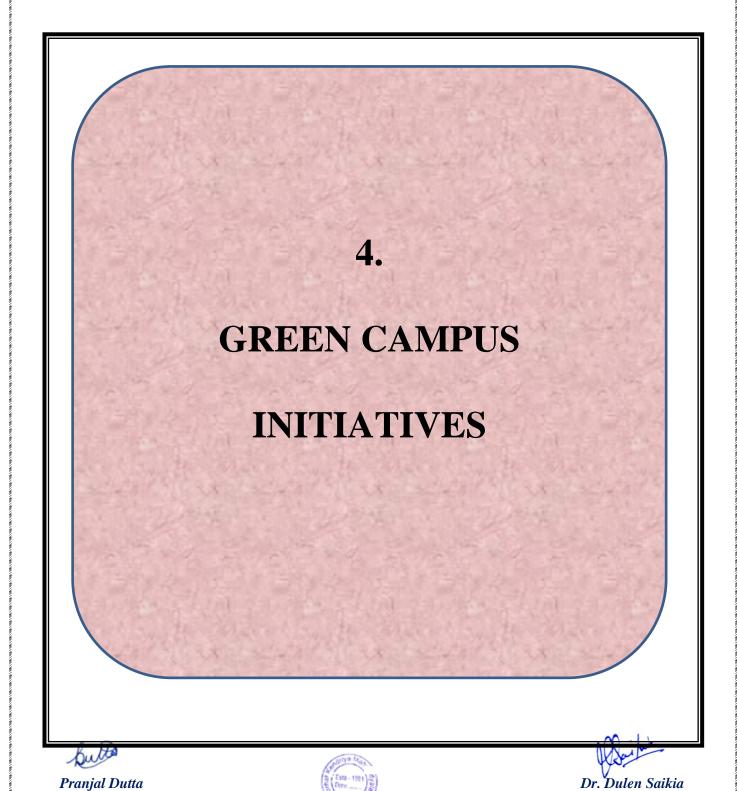




Coordinator, IQAC

Jorhat Kendriya Mahavidyalaya Kenduguri, Jorhat-785010 (Assam)

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Principal



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GREEN CAMPUS INITIATIVE MEASURES ADOPTED BY THE INSTITUTE

GREEN CAMPUS INITIATIVE MEASURES TAKEN BY THE INSTITUTE FOR CREATING AN ECO-FRIENDLY AND HEALTHY ENVIRONMENT WITHIN THE COLLEGE CAMPUS-PLANTATION AND CLEANLINESS **DRIVES IN THE CAMPUS** ESTABLISHMENT OF GARDEN AND NURSERY IN THE CAMPUS AWARENESS PROGRAMMES AND **CELEBRATION OF WORLD** ENVIRONMENT DAY EVERY YEAR ADOPTING ENERGY, WATER **CONSERVATION MEASURES BIO-DEGRADABLE WASTE MANAGEMENT**



Pranjal Dutta
Coordinator, IQAC





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PLANTATION DRIVES OF THE COLLEGE

PLANTATION PROGRAMME IN WORLD ENVIRONMENT DAY ,2021
THE PRINCIPAL AND FACULTY MEMBERS OF THE COLLEGE ARE PLANTING
A PLANT IN THE COLLEGE CAMPUS



Jorhat Kendriya Mahavidyalaya Re-accredited by NAAC With Grade-8++ & UGC-approved Community College State



under the aegis of Science and Technology Forum, NCC & NSS

Celebrates "World Environment Day" on 5th June, 2021







World Environmental Day

5th June 2021, Jorhat Kendriya Mahavidyalaya, Kenduguri Jorhat-10













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Tree Plantation Programme Observation of the World Environment day Miss Dipshikha Saikia.







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PLANTATION DRIVE BY THE STUDENTS

Tree Plantation Programme Observation of the World Environment day, 5th June 2021









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PLANTATION PROGRAMME ON UN WORL ENVIRONMENT DAY,2022 IN THE COLLEGE FIELD AREA BY THE FACULTY AND STUDENTS











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PLANTATION PROGRAMME IN WORLD ENVIRONMENT DAY -2022









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PLANTATION IN THE COLLEGE CAMPUS











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PLANTATION IN THE COLLEGE CAMPUS FOR A CLEAN AND HEALTHY ENVIRONMENT













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CHIEF MINITER'S INSTITUTIONAL PLANTATION PROGRAMME ON (AZADI KA AMRIT MAHOTSAV)









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CLEANLINESS DRIVES IN THE COLLEGE CAMPUS



















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CLEANLINESS DRIVE











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CLEANLINESS DRIVES











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ESTABLISHMENT OF GARDEN AND NURSERY IN THE CAMPUS

- > Establishment of Botanical Garden
- ➤ Establishment of "Dubori" Nursery and Knowledge Hub Centre
- Establishment of Experimental plantation of Tea
- > Other Garden Area







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ESTABLISHMENT OF BOTANICAL GARDEN IN THE COLLEGE CAMPUS 27TH OF FEBRUARY,2021

INAUGURATION OF Dr. RAJEN SAIKIA MEMORIAL BOTANICAL GARDEN BY DIRECTOR, RFRI, JORHAT ON SCIENCE DAY









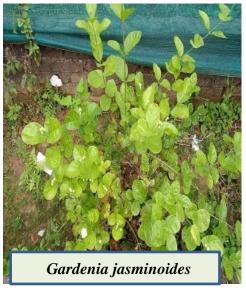


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PLANTS IN BOTANICAL GARDEN









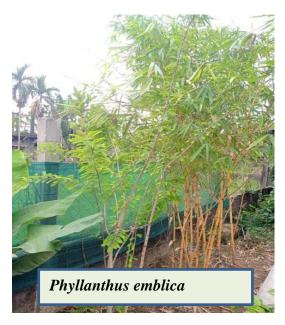


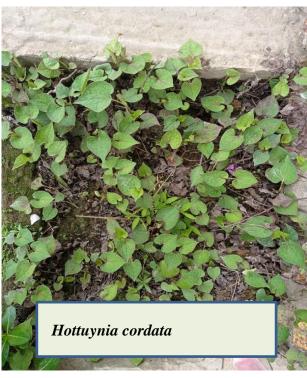




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A LIST OF PLANTS IN THE BOTANICAL GARDEN AS PER GREEN AUDIT REPORT (SAMPLE COPY)

List of Plants From Botanical Garden.-

Sl.No.	Common Name	Scientific Name	Family
1.	Sarpagandha	Rauwolfia serpentina	Apocynaceae
2.	Dupor tenga	Bryophyllum pinnatum	Crassulaceae
3.	Masundari	Houttuynia cordata	Saururaceae
4.	Manimuni	Centella asiatica	Apiaceae
5.	Bose goss	Acorus calamus	Acoraceae
6.	Hukloti	Acaloipha indica	Euphorbiaceae
7.	Era goss	Ricinus communis	Euphorbiaceae
8.	Canna	Canna indica	Cannaceae
9.	Modhuri	Psidium guajava	Myrtaceae
10.	Gulab	Rosa	Rosaceae
11.	Nuni grass	Morinda citrifolia	Rubiaceae
12.	Rubber plant	Ficus elastica	Moraceae
13.	Lucky bamboo	Draceana sanderiana	Asparagaceae
14.	Hotmul	Asparagus racemosus	Asparagaceae
15.	Aada	Zingiber officinale	Zingiberaceae
16.	Joba Kusum	Hibiscus rosa-sinensis	Malyaceae
17.	Bhut Jolokia	Capsicum chinense Jacquin	Solanaceae
18.	Vekuri Tita	Solanum nigrum	Solanaceae
19.	Mati Kanduri	Alternanthera sessilis	Amaranthaceae
20.	Kola Tulsi	Ocimum tenuiflorum	Lamiaceae
21.	Ram Tusli	Ocimum sanctum	Lamiaceae
22.	Oregano	Origanum vulgare	Lamiaceae
23.	Pudina	Mentha spicata	Lamiaceae
24.	Horu Tengesi	Oxalis stricta	Oxalidaceae
25.	Bor Tengesi	Oxalis corniculata	Oxalidaceae

oility: Investigate

Pranjal Dutta
Coordinator, IQAC





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LIST OF BIRDS AND ANIMALS AS PER GREEN AUDIT REPORT (SAMPLE COPY)

S.No	Common Name	Scientific Name
1.	Common Myna	Acridotheres tristis
2.	White breasted waterhen	Amaurornis phoenicurus
3.	House Sparrow	Passer domesticus
4.	Crow	Corvus sp.
5.	Cuckoo	Cuculidae
6.	Snake	Naja naja
7.	Cattle egret	Bubulcus ibis
8,	Butter Fly	Danaus Genutia
9.	Common pigeon	Columba livia
10.	Garden tiger moth	Arctia caja
11	Bat	Chiroptera
12	Indian owl	Bubo benghalensis
13	Leech	Hirudinea
14	Earthworm	Eisenia fetida
15	Coat	Canra accassus hircus







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ESTABLISHMENT
OF
"DUBORI" GREEN
HOUSE NURSERY
AND
KNOWLEDGE
HUB







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DUBORI GREEN HOUSE NURSERY AND KNOWLEDGE HUB











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COLLECTING THE PRODUCED FROM THE NURSERY











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THE PRODUCED FROM DUBORI GREEN HOUSE NURSERY











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LIST OF PLANTS IN DUBORI GREEN HOUSE NURSERY AS PER GREEN AUDIT REPORT, JKM

+

<u>Sl</u>	Common	Scientific name	Family	Nos. Of plant
No	name			
1.	Dalim	Punica granatum	Lythraceae	2
2	Gul nemu	Citrus limon	Rutaceae	8
3	Mango	Mangifera indica	Anacardiaceae	2
4	Tomato	Solanum lycopersicum	Solanaceae	10
5	Strawberry	Fragaria ananassa	Rosaceae	4
6	Dragon fruit	Hylocereus undatus	Cactaceae	2
7	Bhut jolokia	Capsicum chinense Jaqc	Solanaceae	4
8	Capsicum	Capsicum	Solanaceae	21
9	Papaya	Carica papaya	Caricaceae	5
10	Passion fruit (lota bel)	Passiflora edulis	Passifloraceae	4
11	Batabi nemu(pomelo)	Citrus maxima	Rutaceae	2
12	Kordoi (star fruit)	Averrhoa carambola	Oxalidaceae	1
13	Rohdoi	Averrhoa carambola	Oxalidaceae	1
14	Poniol	Flacourtia jangomas	Salicaceae	1
15	Tezpat	Cinnamomum tamala	Lauraceae	1
16	Pati Nemu	Citrus limon	Rutaceae	1
17	Apple modhuri	Digera muricata (L.) Mart.	Combretaceae	4
18	Begum bahar	Tibouchina semidecandra	Melastomataceae	1
19	Leteku	Baccurea sapida	Phyllanthaceae	1
20	Litchi	Litchi chinensis	Sapindaceae	1
21	Bismarckia Palm	Bismarckia Nobilis	Arecaceae	1
22	Orange	Citrus reticulata	Rutaceae	1

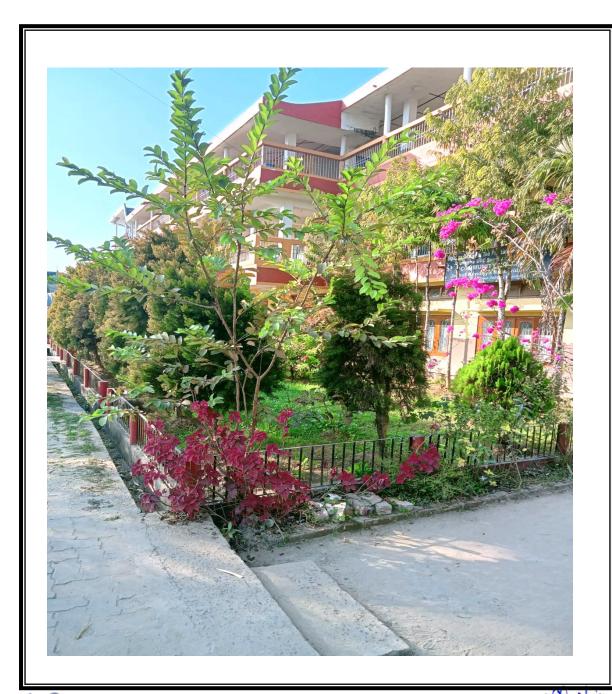






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GREENERY IN THE CAMPUS









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A VIEW OF COLLEGE GARDEN





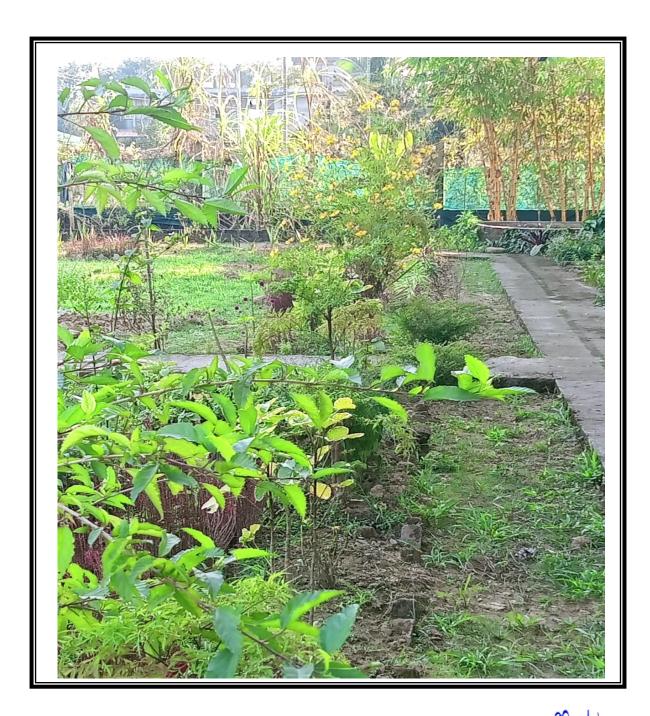






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GREENERY IN BOTANICAL GARDEN



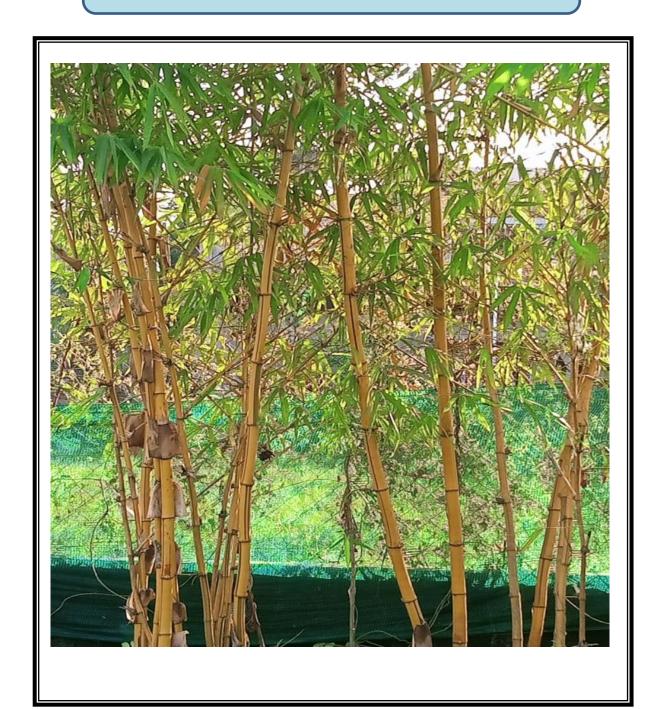






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BAMBOO IN BOTANICAL GARDEN









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EXPERIMENTAL TEA PLANTATION







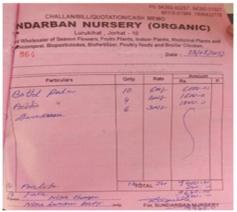


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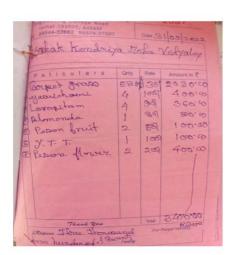
SAMPLE RECORDS OF THE RECEIPTS FOR THE PURCHASE FROM NURSERY

SAMPLE RECORDS OF THE RECEIPTS FOR THE PURCHASE OF PLANTS FROM NURSERY





## PARTICULARS	contact.]
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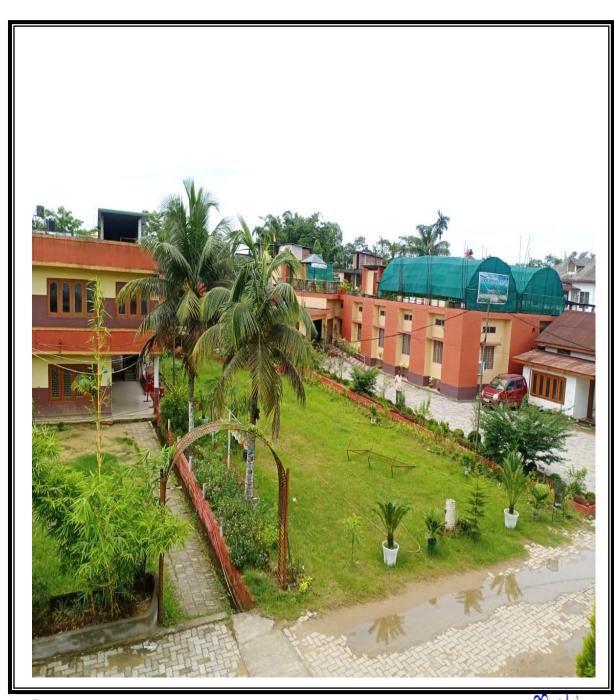






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A VIEW OF THE COLLEGE CAMPUS GARDEN









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AWARENESS PROGRAMMES

AND

CELEBRATION OF WORLD

ENVIRONMENT DAY EVERY

YEAR

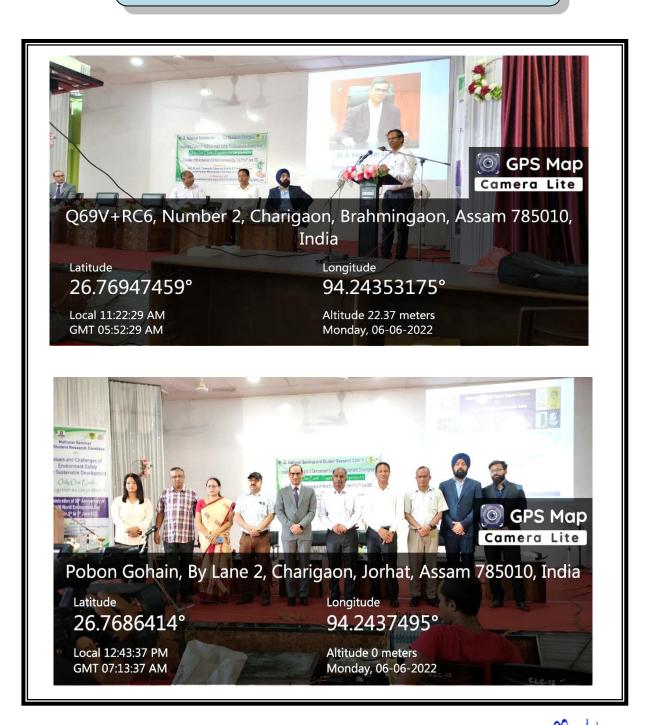






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WORLD ENVIRONMENT DAY CELEBRATION 2022









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BROCHURE OF WORLD ENVIRONMENT DAY CELEBRATION WITH ORGANISATION OF NO. OF EVENTS









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APPRECIATION LETTER FROM DIRECTOR FOR ORGANISING THE NATIONAL SEMINAR ON ISSUES AND CHALLENGES OF ENVIRONMENT SAFETY FOR SUSTAINABLE DEVELOPMENT



वर्षा वन अनुसंधान संस्थान

भारतीय वानिकी अनुसंधान एवं शिक्षा परिषद (पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार की एक स्वायत्त निकाय)



RAIN FOREST RESEARCH INSTITUTE
Indian Council of Forestry Research & Education

(An Autonomous body under Ministry of Environment, Forest & Climate Change, Govt. of India)

I am pleased to know that the Jorhat Kendriya Mahavidyalaya is organising a National Seminar on "Issues and Challenges of Environment Safety for Sustainable Development", from 5th to 7th June, 2022. This has an added significance as it marks the 50th anniversary of UN World environment Day.

Sustainable development is that which meets the needs of the present generation without compromising the needs of future generations. Nowadays the various economic activities almed at meeting the present needs, directly and indirectly impinge on the environment adversely. While there is a need to upgrade the quality of life with modern amenities, it is also equally necessary to ensure that the needs of the environment are attended to.

As an affirmative action towards tackling the global environment crisis that involves global warming, climate change, pollution, loss of biodiversity and degradation of habitats, the United Nations adopted 17 Sustainable Development Goals (SDG) and 169 targets as part of United Nations 2030 Agenda. There are many initiatives by the Governments as well as Non-government organizations to promote sustainable development. However, these initiatives are often scattered and sometimes not well known. The present initiative by the college will help create awareness among the youth and help in getting them involved in preventing environmental degradation, while ensuring sustainable development for all.

I appreciate the management of the college for this thoughtful initiative at the appropriate time, and I wish the programme a grand success.

R.S.C. Javaraj) V

पोस्ट वाक्स नं : 126 जोरहाट - 785001, असम, फोन : 0376-2305101, फैक्स: 0376-2305130, मोवाइल: 9435094399 Post Box No. 126, Jorhat -785001 (Assam), Phone: +91-376-2305101, Fax : 0376-2305130, Mobile : 9435094399 E-mail: dir_rfri@icfre.org, rsc.jayaraj@gmail.com, Website : www.rfri.icfre.gov.in, www.icfre.gov.in

Pranjal Dutta
Coordinator, IQAC





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ADOPTING ENERGY, WATER CONSERVATION MEASURES

AND

BIO-DEGRADABLE WASTE MANAGEMENT







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RAIN WATER CONSERVATION

RAIN WATER HARVESTING STRUCTURE

CATCHMENT AREA – TANKS









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RAIN WATER HARVESTING

RAIN WATER HARVESTING (CATCHMENT AREA – POND)









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VERMICOMPOST PRODUCTION UNIT









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VERMICOMPOST PRODUCED IN THE COLLEGE









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PRACTICAL SESSION OF SKILL HUB COURSE ON VERMICOMPOST









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PRACTICAL SESSION OF SKILL HUB COURSE ON VERMICOMPOST PRODUCER



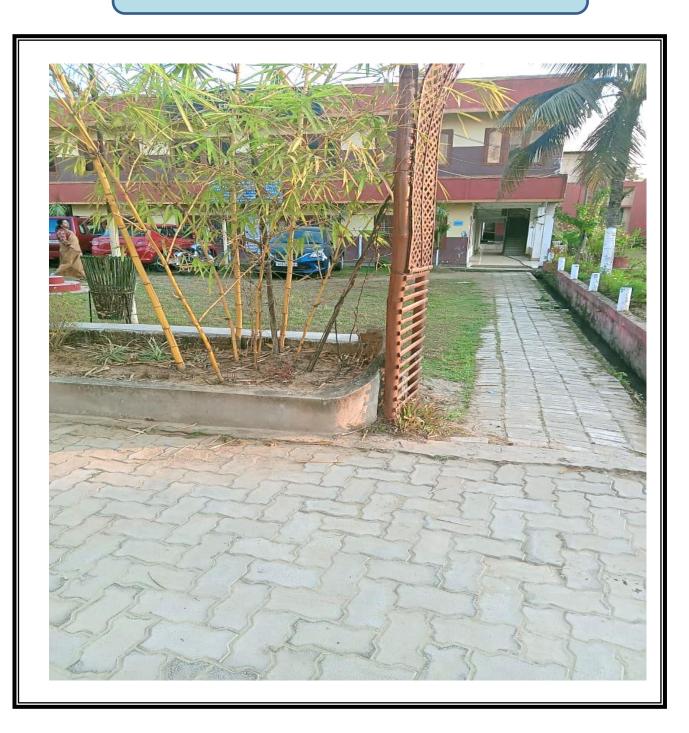






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PEDESTRIAN FRIENDLY PATHWAY









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PEDESTRIAN FRIENDLY PATHWAY

WAY TO SCIENCE BUILDING AND ADMINISTRATIVE BUILDING











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5.
DISABLED -FRIENDLY
BARRIER
FREE
ENVIRONMENT

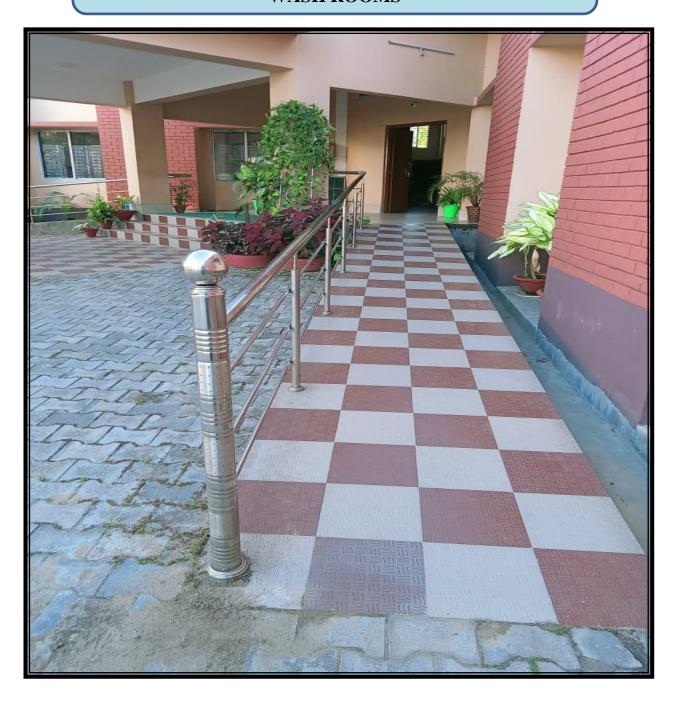






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PROVISION OF RAMPS FOR EASY ACCESS TO ADMINISTRATIVE BUILDING, CLASS ROOMS AND WASH ROOMS









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RAMP AND RAILS TO CLASSROOMS



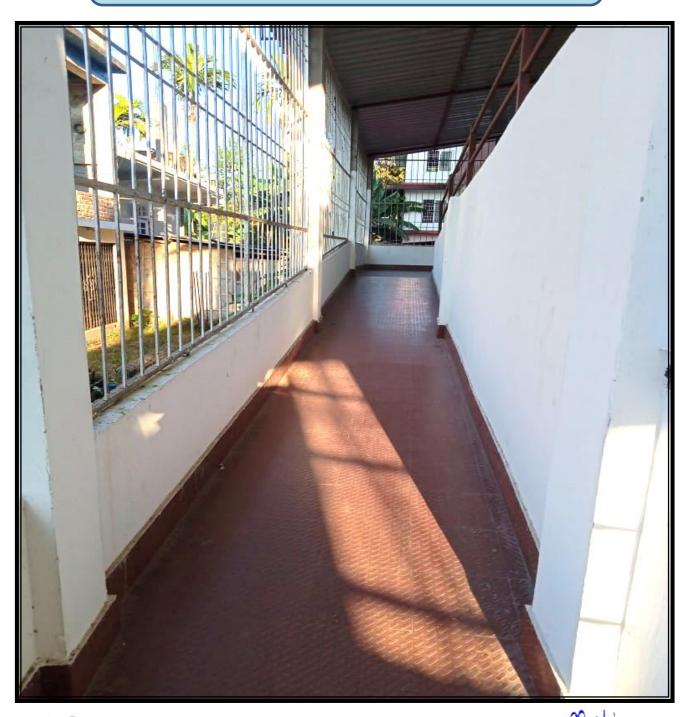






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PROVISION OF RAMP TO CLASS ROOMS









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RAMP TO WASH ROOM









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RAMP TO ANOTHER WASHROOM









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WASHROOM FOR PHYSICALLY DISABLED











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BRAILLE PROVISIONS







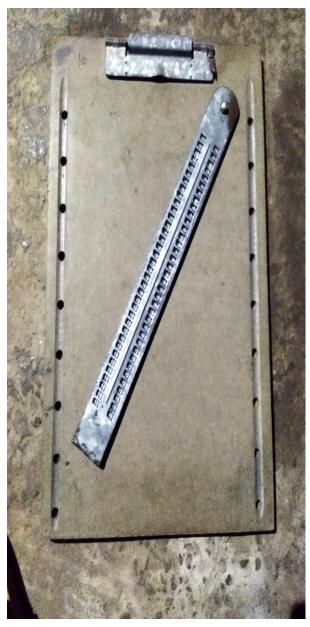




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BRAILLE SLATE AND STYLUS











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PROVISION OF WHEEL CHAIR IN THE COLLEGE





