

JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR ज्योति विद्यापीठ महिला विश्वविद्यालय, जयपुर

Established by Govt. of Rajesthan through Act No. 17 of 2008 under section 2(f) & (12b) of the UGC Act, 1956 NAAC Accredited | UGC Approved | Recognized by Statutory Councils

AQAR 2022-23

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste

- Solid waste management
- Liquid waste management
- Biomedical waste management
- **■** E-waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

Waste Management is one of the major and best practices of the University. Every bit of the waste in the University campus is collected, segregated, and recycled on the concept of University Startup "Punar Janam (Ready to Serve Again)" that Provides a platform for the students, staff, and officers to convert scientifically any useless product into useful product on recycling concept and create money-making projects by generating new products through recycling process for the community/industry purpose & for healthy environment. as university believes that Everything that comes into natural system should go back into it and reproduce in New Shape. Garbage bins are installed in the entire University Campus.

REGISTRAR
Jayoti Vidyapeeth Women's University
Jaipur

Page 1 of 18



JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR ज्योति विद्यापीठ महिला विश्वविद्यालय, जयपुर

Established by Govt. of Rajasthan through Act No. 17 of 2008 under section 2(f) & (12b) of the UGC Act, 1956 NAAC Accredited | UGC Approved | Recognized by Statutory Councils

Garbage bins are installed in various points of the University Campus to collect waste products on specified colored garbage bins for recycling under University Startup- 'Punar Janam 'Ready to Serve Again''.

University practices waste management in following ways:

• Solid Waste Management:

The University has its own Biogas Plant, Vermi Compost Plant and Bio-Waste Fertilizer Plant for the treatment of solid waste. Three Rs are followed here:

- o **Reduce:** Use of resources whenever required.
- o **Reuse:** Reuse of waste materials, papers. Non-working hardware is displayed in museum.
- o **Recycle:** The products are recycled into useful products for further use like file folders, mats etc.

Non-biodegradable wastes are dumped into dumping yards and dustbins are provided all over the campus.

• Liquid Waste Management:

Well-constructed drainage systems, safety tanks are constructed which are periodically cleaned. University has constructed Sewage Treatment Plant (Hydraulic & Natural both types) for cleaning Sewage water and after that treated water is used for agriculture plants.

• Biomedical waste management:

University **Biomedical** wastage is collected by the agency which is authorized by the Govt. of Rajasthan.

• E-Waste Management:

- o Damaged/obsolete electronic devices are displayed in museum for trouble shooting labs.
- o The rest of the e waste is auctioned.
- o Repairable items are donated to needy students and nearby communities.

• Hazardous chemicals and radioactive Waste management:

There is no such waste generated in the University.

REGISTRAR Jayoti Vidyapeeth Women's University Page 2 of 18



JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR ज्योति विद्यापीठ महिला विश्वविद्यालय, जयपुर

Established by Govt. of Rajasthan through Act No. 17 of 2008 under section 2(f) & (12b) of the UGC Act, 1956 NAAC Accredited | UGC Approved | Recognized by Statutory Councils

University Waste Management Centre:

Every bit of the waste in the University campus is collected, segregated, and recycled on the concept of University Startup "Punar Janam (Ready to Serve Again)" that Provides a platform for the students, staff, and officers to convert scientifically any useless product into useful product on recycling concept and create money-making projects by generating new products through recycling process for the **community/industry purpose & for healthy environment.** as university believes that Everything that comes into natural system should go back into it and reproduce in New Shape. Garbage bins are installed in entire University Campus.

Garbage bins are installed in various points of the University Campus to collect waste products on specified colored garbage bins for recycling under University Startup- 'Punar Janam ''Ready to Serve Again''.















Green: Paper Waste 5

Yellow: Food Waste 纸

Pink: Cloths Waste 5

Purple: Used books/foot wares 蛋

Chrome Yellow: Glassware 卐

卐 Red: Agriculture Waste

Brown: Sewage Waste 纸

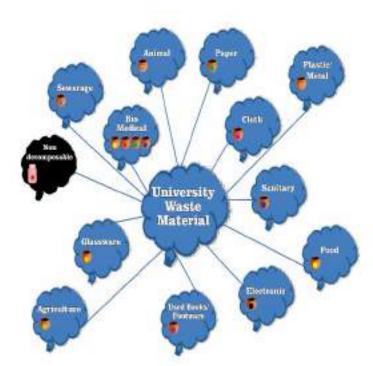
Orange: Plastic Waste 纸

Grey: Animal Waste 5

Sky Blue: Hair Loss Waste 新

Blue: Sanitary Waste

Biomedical: Yellow, Red, Green, Blue





JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR ज्योति विद्यापीठ महिला विश्वविद्यालय, जयपुर

Established by Govt. of Rajasthan through Act No. 17 of 2008 under section 2(f) & (12b) of the UGC Act, 1956 NAAC Accredited | UGC Approved | Recognized by Statutory Councils

斯 For Recycling Under University Startup Punar Janam- ''Ready To Serve Again''

There is total 13 kind of university waste products in which 11 kind of waste products are being reused through recycle concept under University Startup "Punar Janam (Ready to serve again)" and remaining *1 Biomedical waste is collected by Govt. Agency*. *University has an MOU with authorized agency for the collection of biomedical waste that collects the waste on periodic intervals*.

University Waste management:

肾 Plastic/Metal Waste:

Plastic and metal containers are collected from students and staff regularly. All the plastic/ metal containers are collected from Academics and Hostels' specified dustbins and inserted in containers situated at various points at university campus. Collected pots are reused for plantation of plants and distributed to students/ staff and nearby villagers. Mainly Giloy plants are distributed to the community as Immunity Booster. Plastic/ Metal containers are converted into "Paudha Patra" on the concept of "Patra Daan Karen" evam "Patra Paudha Prapt Karen."

■ Plastic Wrappers/Bags/Sanitary:

Plastics wrappers/Plastic Bags are reshaped in Plastic made Bricks, Blocks & Pots through recycling process which are used by the students of Interior design discipline for making different kind of decorative items.

肾 Paper Waste:

A paper recycling plant is installed on the University premises. Used/ Wastepaper is recycled, and handmade paper is made which is further used by the students for making charts, models Paper Bags, Envelop etc.



JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR ज्योति विद्यापीठ महिला विश्वविद्यालय, जयपुर

Established by Govt. of Rajasthan through Act No. 17 of 2008 under section 2(f) & (12b) of the UGC Act, 1956 NAAC Accredited | UGC Approved | Recognized by Statutory Councils

% Cloth Waste:

The unused & waste clothes are reused by making ecofriendly cloth bags by the University students of Fashion Design discipline & distributed in students, staff and University adopted villages to make them plastic free University/villages.

肾 Food Waste:

All the waste food & kitchen waste is collected per day. Unconsumed food collected in installed bins at mess and hostels is used in Biogas plant for the generation of Biogas which is utilized in mess for preparation of food. Raw food like fruits and vegetable peels are used for the creation of manure in manure bank.

■ Electronics Waste:

- Damaged/obsolete electronic devices are displayed in museum for trouble shooting labs and also displayed in University Punar Janam Bagh so that Students & staff members can exhibit their innovative ideas, skills, and potentials to reshape the waste items and transform them into new shape with their creativity.
- Repairable items are donated for reused to needy students and nearby communities.
- The university is also planning for the development of museums at nearby schools.
- The rest of the e-waste is auctioned.

肾 Glassware Waste:

All the damaged glassware is collected and stored in a structure near Biogas plant. This glassware is utilized by the students in handicrafts for making decorative items and also being used to mix in concrete for preparing upper layer of plastic waste bricks.

REGISTRAR
Jayoti Vidyapeeth Women's University
Jaiuur

Page 5 of 18



JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR ज्योति विद्यापीठ महिला विश्वविद्यालय, जयपुर

Established by Govt. of Rajasthan through Act No. 17 of 2008 under section 2(f) & (12b) of the UGC Act, 1956 NAAC Accredited | UGC Approved | Recognized by Statutory Councils

Solution Solution Solution

The students and staff members can deposit used books and their foot wares at University "Seva Daan Patra" 'situated at Hostel Gate. These goods are donated for reuse to needy students and nearby communities.

Magazian Massis Agriculture Waste:

All the agriculture waste in the form of dry leaves, stems and grass is collected by the gardeners on a daily basis. This is deposited in manure bank to create Organic manure.

≤ Sewage Waste:

University has sewage Treatment Plant (STP) for the treatment of solid and liquid sewage waste. The resultant treated water is used for irrigation & landscaping of the campus. The rest of the waste is used in manure banks. Treated water currently used for irrigating campus lawns and gardens and flushing the toilets

Solution Maste:

All the waste generated from animals like cow dung and urine is utilized mainly in Biogas plants and manure banks. Cow urine is used for preparation of medicines. Cow dung cakes are used as fuel during the preparation of medicines and also used in preparing plastic waste bricks, handmade paper, and 'Dhoop Batti' a handmade worship item.

Mair Loss Waste:

One common problem of girls is hair falls. Hence, University also practice hair loss Waste Management as it is scientifically proven that human hair can be used as a fertilizer for the plants. Separate garbage bins are placed at various points in university hostels for collection of damaged/fallen hair to provide nutrition to the plants.



JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR ज्योति विद्यापीठ महिला विश्वविद्यालय, जयपुर

Established by Govt. of Rajasthan through Act No. 17 of 2008 under section 2(f) & (12b) of the UGC Act, 1956 NAAC Accredited | UGC Approved | Recognized by Statutory Councils

Apart from various waste management practices University is also implementing various activities for conservation of natural resources and environmental protection like rainwater harvesting, use of Solar Energy in the form of streetlights and solar water heaters, use of wood boiler and gas generated from biogas in university mess (with minimum use of LPG) and paperless offices.







Glassware Collection Point

Museum Development

Bio Gas Plant

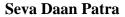




Paper Collection Point

Animal Waste Collection Point







Sewage Treatment Plant (STP)



Vermi compost

REGISTRAR Jayoti Vidyapeeth Women's University Jaipur

Page **7** of **18**



JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR ज्योति विद्यापीठ महिला विश्वविद्यालय, जयपुर

Established by Govt. of Rajasthan through Act No. 17 of 2008 under section 2(f) & (12b) of the UGC Act, 1956 NAAC Accredited | UGC Approved | Recognized by Statutory Councils

Earth Recharging:

University has developed a Prototype '**JV Earth Recharge Pipe'**' designed by Founder of the University JV'n Dr. Panckaj Garg with collective efforts of his team members.

"JV Earth Recharge Pipes' are useful for pouring rainwater and earth water directly into the soil of those areas/earth where water is not diverted through constructed structure of rainwater harvesting or the University does not have sufficient budget for that purpose.

These Small pipes prepared from waste pipes from different works by the University night staff that prevent them from sleep during their duty hours and these prepared pipes are placed at various point of university campus and also distributed in nearby villages and buried in the ground by the famers of nearby villages for water recharging purpose.

"JV Earth Recharge Pipe' also has a filter mechanism so that filtered clean water can pour into the earth.



Earth Recharging

REGISTRAR Jayoti Vidyapeeth Women's University Jaipur

Page 8 of 18



JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR ज्योति विद्यापीठ महिला विश्वविद्यालय, जयपुर

Established by Govt. of Rajasthan through Act No. 17 of 2008 under section 2(f) & (12b) of the UGC Act, 1956 NAAC Accredited | UGC Approved | Recognized by Statutory Councils

University Green Campus





JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR ज्योति विद्यापीठ महिला विश्वविद्यालय, जयपुर

Established by Govt. of Rajasthan through Act No. 17 of 2008 under section 2(f) & (12b) of the UGC Act, 1956 असी क्याओं, सेटी पड़ाओं NAAC Accredited | UGC Approved | Recognized by Statutory Councils





REGISTRAR Jayoti Vidyapeeth Women's University Jaipur Page 10 of 18



JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR ज्योति विद्यापीठ महिला विश्वविद्यालय, जयपुर

Established by Govt. of Rajasthan through Act No. 17 of 2008 under section 2(f) & (12b) of the UGC Act, 1956 NAAC Accredited | UGC Approved | Recognized by Statutory Councils







JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR ज्योति विद्यापीठ महिला विश्वविद्यालय, जयपुर

Established by Govt. of Rajasthan through Act No. 17 of 2008 under section 2(f) & (12b) of the UGC Act, 1956 NAAC Accredited | UGC Approved | Recognized by Statutory Councils

Tree Plantation Drives:







JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR ज्योति विद्यापीठ महिला विश्वविद्यालय, जयपुर

Established by Govt. of Rajasthan through Act No. 17 of 2008 under section 2(f) & (12b) of the UGC Act, 1956 NAAC Accredited | UGC Approved | Recognized by Statutory Councils

Notification

Ref. No. URO/JPR/2023/409

University Waste Management Activity

(Under Unnat Bharat Abhiyan)

Activity of the Month:

- > Preparing Handmade Paper sheets & Paper Bags from Waste Material
- Creating Bird Houses from Waste Material

This is to inform all the concerned that, on the occasion of the Monthly Celebration of JV-Mantra Day [Green-Clean-Happiness] on May 21, 2023, the University's Waste Management Activity Theme for the Month of May 2023 is "Preparation of Handmade Paper Sheets & Paper Bags and creating Beautiful Bird Houses from Waste Material/Items."

Due to 21st May, 2023 being a Sunday, the above activity will be conducted on the coming Friday & Saturday, i.e., 19 to 20th May, 2023 from 02:00 PM to 04:00 PM at the Waste Management Center and preidentified areas.

All the Students can participate in this activity individually or in groups. Representation of students (Min. 5 & Max. 10 Students) from each Faculty's each Department is must for making Handmade Paper Sheets & Paper Bags from Waste Material/Items. Whereas all the Students (individually or in groups of Min. 3 Students) must prepare Beautiful Bird Houses from Waste Material and also mention their names, enrolment numbers, and program names on the Bird Houses, as the Waste Management Activity. These Bird Houses will then later be hung on the Trees of the University, for the Birds to take shelter in these Houses.

Students must also submit their work report along with its picture and video links under their CDA Activity of current Semester to obtain their Grades in the Final Examinations on or before May 30, 2023.

JV'n Dr. Sapna Gehlot (NSS & FEM), JV'n Ms. Girija (FEM), JV'n Dr. Abinash Parida (FEM), JV'n Dr. Triveni Khurana (FPD & FPS), JV'n Dr. Megha Acharya (FLG), JV'n Dr. Ravi Jain (FHS), JV'n Dr. Balraj Rathore (FAS), Jayoti Sangh Representatives (JSRs), will monitor the activities of Waste Management and ensure the participation of all Students.

Note: Students that are having Examinations on the above-mentioned dates, are exempt from the activity, but the Students that are not involved in the same, must participate in the activity, mandatorily.

JV'n Dr. Hema Bafila

ffem

Date: May 16, 2023

Registrar

Jayoti Vidyapeeth Women's University, Jaipur

Jai Nari Shakti

Jai Hind

REGISTRAR
Jayoti Vidyapeeth Women's University
Jaipur

Page 13 of 18



JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR ज्योति विद्यापीठ महिला विश्वविद्यालय, जयपुर

Established by Govt. of Rajasthan through Act No. 17 of 2008 under section 2(f) & (12b) of the UGC Act, 1956 NAAC Accredited | UGC Approved | Recognized by Statutory Councils

Notification

Ref. No. URO/JPR/2023/409

University Waste Management Activity

(Under Unnat Bharat Abhiyan)

Activity of the Month:

- Preparing Handmade Paper sheets & Paper Bags from Waste Material
- Creating Bird Houses from Waste Material

This is to inform all the concerned that, on the occasion of the Monthly Celebration of JV-Mantra Day [Green-Clean-Happiness] on May 21, 2023, the University's Waste Management Activity Theme for the Month of May 2023 is "Preparation of Handmade Paper Sheets & Paper Bags and creating Beautiful Bird Houses from Waste Material/Items."

Due to 21st May, 2023 being a Sunday, the above activity will be conducted on the coming Friday & Saturday, i.e., 19 to 20th May, 2023 from 02:00 PM to 04:00 PM at the Waste Management Center and preidentified areas

All the Students can participate in this activity individually or in groups. Representation of students (Min. 5 & Max. 10 Students) from each Faculty's each Department is must for making Handmade Paper Sheets & Paper Bags from Waste Material/Items. Whereas all the Students (individually or in groups of Min. 3 Students) must prepare Beautiful Bird Houses from Waste Material and also mention their names, enrolment numbers, and program names on the Bird Houses, as the Waste Management Activity. These Bird Houses will then later be hung on the Trees of the University, for the Birds to take shelter in these Houses.

Students must also submit their work report along with its picture and video links under their CDA Activity of current Semester to obtain their Grades in the Final Examinations on or before May 30, 2023.

JV'n Dr. Sapna Gehlot (NSS & FEM), JV'n Ms. Girija (FEM), JV'n Dr. Abinash Parida (FEM), JV'n Dr. Triveni Khurana (FPD & FPS), JV'n Dr. Megha Acharya (FLG), JV'n Dr. Ravi Jain (FHS), JV'n Dr. Balraj Rathore (FAS), Jayoti Sangh Representatives (JSRs), will monitor the activities of Waste Management and ensure the participation of all Students.

Note: Students that are having Examinations on the above-mentioned dates, are exempt from the activity, but the Students that are not involved in the same, must participate in the activity, mandatorily.

JV'n Dr. Hema Bafila

ffem

Date: May 16, 2023

Registrar

Jayoti Vidyapeeth Women's University, Jaipur

Jai Nari Shakti

Jai Hind

REGISTRAR Jayoti Vidyapeeth Women's University Jaipur

Page 14 of 18



JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR ज्योति विद्यापीठ महिला विश्वविद्यालय, जयपुर

Established by Govt. of Rajasthan through Act No. 17 of 2008 under section 2(f) & (12b) of the UGC Act, 1956 NAAC Accredited | UGC Approved | Recognized by Statutory Councils

JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR

Notification

Ref/ NO. URO/JPR/2023/409

Date: 16.05.2023

University Waste Management Activity

Activity of the Month:

- Preparing Paper sheet/Paper Bags from Waste Material
- Creating Bird House from Waste Material

This is to inform all that, On the occasion of monthly celebration of JV-Mantra Day [Green - Clean- Happiness] on 21 May 2023, University's Waste Management Activity Theme for the month of May 2023 is "Preparation of Paper Sheet/ Paper Bags and creating Beautiful Bird House from Waste Material / Items."

Due to Sunday 21st May 2023, this activity will be conducted on Friday-Saturday 19-20th May 2023 from 02:00 PM to 4:00 PM at the Waste Management Center and preidentified areas.

All the students can participate in this activity individually or in groups. Representation of students (Min.5 & Max. 10 Students) from all Department are must for making paper sheet /paper bag from waste materials/items. Whereas all the students (individually or in groups pf min.3 students) must prepare beautiful bird house from waste material by mentioning their name, enrolment, and program name on the bird house as a waste management activity. These bird houses will be hung in the trees of the university.

Students also will submit their work report along with its picture and video links under their CDA Activity of current semester to obtain grade in final examinations before 30 May 2023.

JV'n Dr. Sapna Gehlot, JV'n Ms. Girija, JV'n Dr. Abinash Parida will monitor the activities of Waste Management and ensure the participation of all students.

JV'n Dr. Hema Bafila

Registrar

Jayoti Vidyapeeth Women's University Jaipur

Jai Nari Shakti

Jai Hind

REGISTRAR
Jayoti Vidyapeeth Women's University
Jaipur

Page 15 of 18



JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR ज्योति विद्यापीठ महिला विश्वविद्यालय, जयपुर

Established by Govt. of Rajasthan through Act No. 17 of 2008 under section 2(f) & (12b) of the UGC Act, 1956 NAAC Accredited | UGC Approved | Recognized by Statutory Councils

Waste Management Activity:

Paper making through Waste





REGISTRAR
Jayoti Vidyapeeth Women's University
Jaipur

Page 16 of 18



JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR ज्योति विद्यापीठ महिला विश्वविद्यालय, जयपुर

Estd. in 2008 बेटी बचाओ, बेटी पहाओ Established by Govt. of Rajasthan through Act No. 17 of 2008 under section 2(f) & (12b) of the UGC Act, 1956 NAAC Accredited | UGC Approved | Recognized by Statutory Councils







JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR ज्योति विद्यापीठ महिला विश्वविद्यालय, जयपुर

Established by Govt. of Rajasthan through Act No. 17 of 2008 under section 2(f) & (12b) of the UGC Act, 1956 NAAC Accredited | UGC Approved | Recognized by Statutory Councils





Registrar

Jayoti Vidyapeeth Women's University, Jaipur

REGISTRAR
Jayoti Vidyapeeth Women's University
Jaipur

Page 18 of 18