

# **JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR**

## **Best Practice:**

### **JV Mantra: Green, Clean & Happiness**

#### **A) Green Practice:**

In 2008, With the Establishment of the University when it was completely a Barren land , the University had initiated Green Practices to sensitize student community for Environment Protection and Sustainability.

Tree plantation transformed our University campus into a lush green campus. At Present more than 80% of the University area is covered with greenery including grass, trees, poly house and herbal garden with Ornamental Plants (champa, ashok, gulmohar), Shade Trees (Banyan, peepal, neem), Medicinal Plants (Neem, Amla, Giloy, Aloe vera, Sehjan & Naagphani ), Creepers (Rangoon, morning glory, giloy), Fruits Plants (cheeku, ber, jamunetc.) etc.

The University has also included Environmental Studies (EVS) as a University compulsory course since its inception 2008 to enhance Green Practices. Students are given classroom series and practical exposure related to green practices.

#### **Other Green Initiatives include:**

**a) Pollution Free Campus:** An initiative of not to bring any vehicle in the campus by students & staff (except Ambulance) and have walk or bicycle ride which prevent carbon dioxide emission in the campus. University lush green campus having variety of plants keeping us happy & healthy and make environment free from air pollution.

- \* As University amidst rural setting, far away from city crowd and limited use of vehicles also minimize the noise pollution.
- \* University practice, growing of plants by using Local Soil, Local Water and Local climate.
- \* Developing Local plants in University tissue culture for sustainable plants growth.

**b) Plastic free campus:** Plastic is completely banned in the entire University campus. Recycled Cloth bags are used by all students & staff members instead of Plastic bags. In the direction of environmental protection University launched the activity of “**Plastic Mukh Mera Gaon**” in the adopted villages with the slogan of “**Swachta Hi Meri Pehchaan**” where students of B.Des Fashion Technology prepared cloth bags from used & waste clothes donated by the studnets and staff under University Startup “**Punarjanam'- Ready to Serve Again**”.

**c) Paperless office:** University works digitally on ERP system to encourage the paperless environment in the following ways:

- (i) All administrative offices works through online Portal, ERP and e- mails.
- (ii) It is a good habit of our students & teachers to utilize maximum e- resources such as video lectures, e journals e- library for effective learning.
- (iii) Limited use of Paper and If used, then it is recycled to make Handmade Paper for reuse.

**d) Mobile Free Campus:** Mobiles are strictly prohibited in the campus to make our students free from mobile addiction. We provide secure monitoring & pre-identified

environment for our students through providing communication facility to the students only on 20 authorized registered numbers which are verified by their parents. We have developed online "**JV Live Talk**" where our students can connect with their authorized parents/guardians on Social media platforms or communicate through live video calls.

**e) Radiation Free Campus:** No use of Mobiles, use of Laptops & Computers for access to the only authentic websites as per need of the students prevents them from the electromagnetic fields produced by mobile phones & other electronic gadgets thus their health and biological diversity being protected against the harmful effects of radiation.

**f) University/Public Transport:** Nearby resident students and staff are encouraged to use eco-friendly transport. Those who belong from far areas are provided University transport for safety, security and fuel conservation. University provides the transport facilities in which eco-friendly fuel and CNG gas is used.

**g) Pedestrians Friendly Roads** The campus has wide, well maintained pathways covered with greenery.

**h) Use of Solar Energy:** An innovative practice to effectively make use of the solar energy for Street Lights & water heaters to generate hot water, saving costly electricity & use of gas.

**i) Centralized Laundry:** The best practice measures to minimize water and energy in laundries, the University have a Centralized Laundry system for washing clothes and ironing clothes of all students and staff. the rinse waste water reused for irrigation and minimize electricity consumption.

**j) Centralized Mess:** The University premises comprise a Centralized Mess and Dining Hall.

- Automated boilers to prepare food on stream
- Garbage bins installed in Mess for recycle of waste raw and cooked food . Frequent cleaning of mess before & after each meal. cleanliness maintained by encouraging students for proper use of food and adopt hygiene habits and not to waste food.
- Controlled flame burner are used in kitchen which provides Safety & LPG Savings and make environment polluted free.
- Use of wood boiler (made through recycling of waste) and gas generated from biogas in University mess (with NOC from Pollution Control Board) and less use of LPG in kitchen.
- Automated kitchen equipments ensures optimal food quality & minimizes human involvement.

**k) My Birthday Garden:** Our objective is not just to plant trees but to strengthen the 'JVWU' bond with nature for environmental protection and setting the examples of our University Mantra "**Green Clean and Happiness**".

A Unique plantation program has been initiated by University for 'planting of saplings' in University "My Birthday Garden" to promote green practices. A plantation program will be organized for Everyone, who wish to do 'planting of saplings' on the occasion of their Birthday in "**My Birthday**" and make the day memorable by marking their contribution for preserving Nature at minimal cost i.e. Rs. 20/- for each plant. After plantation, She/he entitled to be called "**Green Sakhi/Green Sakha**" and also fully responsible for taking

care of her/his plant that includes providing appropriate Water, Light, Fertilizer and all essential nutrition's that are required for plant survival .

In addition, students are also given an opportunity to earn by developing the saplings through budding & cutting and sale their Plant to University. A sapling for planting along with all essential nutrition will be provided by University "**Green Sakhi- Nursery**" and Student also prepare a saplings in Plant Tissue Culture Lab at University Innovation centre by using available local soil, local water and local climate.

**l) Adoption of Air purifier Plants:** The University gives an opportunity for each student /employee to adopt at least one air purifier plant for promoting healthy life and improved air quality. Air purifier plants are provided to those Students and employee at free of cost who willingly adopts the plant as a "**Green Sakhi**"/"**Green Sakha**" and takes responsibility for regular care of his / her plant while INR 250/- are charged for those who fail to take care of their plant.

**m) JV Mantra Monthly Day Celebration:** April 21, 2008 University has established, keeping this in mind, University celebrates "**JV-Mantra Green Clean Happiness**" **Monthly Celebration day** on 21st of every month. the objectives of initiating this event , is that, "**JV Mantra**" is the mantra that is the ideal way to live life. It should be imbibed by all of us to keep ourselves and our surroundings Green-Clean and Happy. On this day, the University organizes various Green, Clean and Happiness activities such as adoption of plants, Cleaning of surroundings, distribution of cloth bags among students and staff, Practice Forgiveness by saying "**Mujhe Chhama Daaan Karein** " and Happy sessions with the collective efforts of University administration, students, staff and the local community.

**n) University startup - Punar Janam "Reday to Serve Again":**

In the direction of environmental protection University launched the activity of "**Plastic Mukt Mera Vishwavidhyalay & Mera Gaon** " ain the adopted villages with the slogan of "**Swachta Hi Meri Pehchaan**" where students of B.Des Fashion Design prepared cloth bags from used waste clothes donated by the studnets and staff under University Startup "**Punarjanam'- Ready to Serve Again**".

Under this Startup, students also collect single use non recylcle **Plastic and metal containers** from students, staff & villagers thereafter; collected pots are reused for plantation of plants and distributed to students/ staff and nearby villagers. Plastic/ Metal containers are converted into "**Paudha Patra**" on the concept of "**Patra Daan Karen**" evam "**Patra Paudha Prapt Karen**". Mainly Giloy plants are distributed to the community as Immunity Booster.

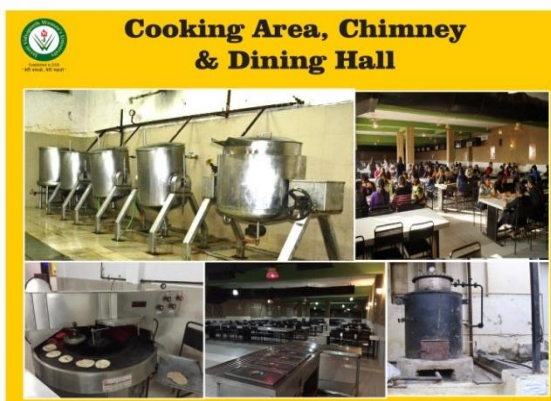
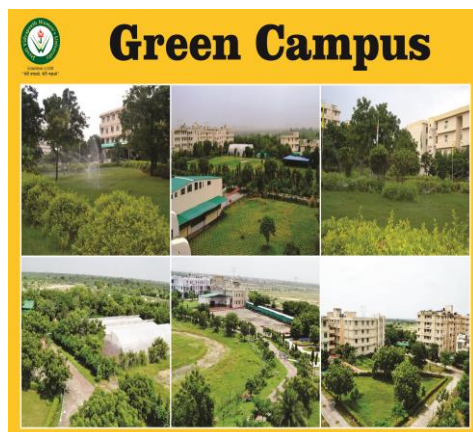




Figure 1 Sewage Treatment Plant (STP)



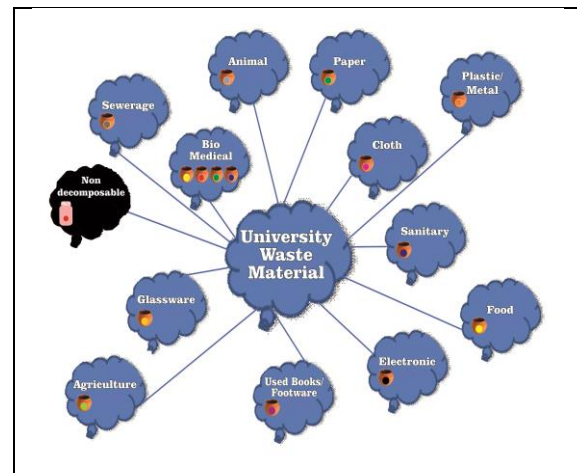
Figure 2 BIO-GAS

## B) Clean Practice:

**University Waste Management-** 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 ❧
-  Yellow: Food Waste ❧
-  Black: Electronic Waste ❧
-  Pink: Cloths Waste ❧
-  Purple: Used books/foot wares ❧
-  Chrome Yellow: Glassware ❧
-  Red: Agriculture Waste ❧
-  Brown : Sewage Waste ❧
-  Orange: Plastic Waste ❧
-  Grey: Animal Waste ❧
-  Sky Blue: Hair Loss Waste ❧
-  Blue: Sanitary Waste ❧
-  Biomedical: Yellow, Red, Green, Blue ❧



❧ **For Recycling Under University Startup Punar Janam- "Ready To Serve Again"**

There are 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 a MOU with authorized agency for the collection of biomedical waste that collects the waste on periodic intervals.**

### University Waste management:

**B 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.**"

**B 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.

**B Paper Waste:** Paper recycling plant is installed in University premises. Used/ Waste paper is recycled and handmade paper is made which is further used by the students for making charts, models Paper Bags, Envelop etc.

**B Cloth Waste:** The unused & waste clothes are reused by making eco friendly 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.

**B 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.

**B 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 community.
- University is also planning for the development of museum at nearby schools.
- Rest of the e-waste is auctioned.

**B Glassware Waste:** All the damaged glassware are collected and stored in a structure near Biogas plant. These glassware are 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.

**B Used Books/ Foot wares:** 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 community.

**B Agriculture Waste:** All the agriculture waste in the form of dry leaves, stems and grasses is collected by the gardeners on daily basis. This is deposited in manure bank to create Organic manure.

**B Sewege Waste:** University have 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. rest of the waste is used in manure bank. Treated water currently used for irrigating campus lawns and gardens and Flushing the toilets

**B Animal Waste:** All the waste generated from animals like cow dung and urine is utilized mainly in Biogas plant and manure bank. 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 of plastic waste bricks, handmade paper and 'Dhoop Batti' a handmade worship item.

**B Hair Loss Waste :** One common problem of girls is hair fall . 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.



Figure 3 container for collecting plastic items



Figure 4 Disposed off Sanitary pads



Figure 5 Collection point of Waste Cloths



Figure 6 Cloth Bags



Figure 7 Glassware Collection Point

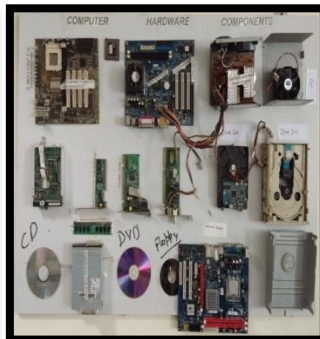


Figure 8 Museum Development



Figure 9 Bio Gas Plant



Figure 10 Paper Collection Point



Figure 11 Animal Waste Collection Point



Figure 12 "Seva Daan patra"



Figure 13 Sewage Treatment Plant (STP)



Figure 14. Vermi compost

**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 rain water 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 have filter mechanism so that **filtered clean water can pour into the earth.**



Figure 14 Earth Recharging

**Rain Water Harvesting:** All open grounds have Rain Water Harvesting System which provide the proper solution from collection of water in tanks.

Rain water from roof top is connected through pipes. From open areas water is moved by constructing slope structures towards tanks. In tanks rain water is purified with the help of sand and it is directed towards the open well through Rain water Harvesting structures. After filtration the water pours in grounds for recharge the earth.

Due to these efforts, it has been observed that the water level in open well is increased significantly.

## **C) Happiness Practice :**

JV is vibrant, research led Women University recognized for its creative and entrepreneurial spirit made up of a diverse group of students with different cultures, religion, ethnicities and ideas. Here, tradition and innovation blend seamlessly to provide students a perfect & safe atmosphere to live and study with peace, stress free and meaningful life through practice Happiness.

Students enrolling at the University are mentored right from the beginning on various issues including spirituality, punctuality, regularity, behavior & ethics, curricular, extra-curricular activities and research.

***University follows a streamlined disciplined, Non Addicted. Human Interactive, healthy & safe life style enriched with essential Academic Nutritions for its students.***

### **Reason for Happiness of Students, provide by the University:**

- **Comfortable Living:** University provides safe, clean and variety of accommodation options in multistoried hostels having Air Conditioner and Air-Cooled facility with all the basic and ultra - modern facilities like mess, reading room, games, medical facility, communication facility Wi-Fi internet and recreation facilities, electricity & power backup under the full security so that students can live here in a homely way.
- **Three Layer Security:** The campus is proved to be very secure due to its well-maintained security system. Women Security Guards are available 24 X7 at campus and hostels entry gates without any stress/fear. 24\*7 Three layers security with CCTV surveillance in University entire campus. Students are provided with safe transport facility with female guards and residential female faculty on University outing.
- **Addiction Free Environment:** Mobiles are strictly prohibited in the campus to make students free from mobile addiction. We provide secure monitoring & pre-identified environment for our students through providing communication facility to the students only on 20 authorized registered numbers which are verified by their parents as mobile phones are prohibited in the University Campus.  
Use of Tobacco, Alcohol, and Non Vegetarian food items in any form are strictly prohibited in entire University Campus in any manner.
- **Stress Free Environment:** Early walkup, listening & chanting of Mantras, Engaged in Yoga, Meditation and Gym activities for good health and refreshing body. University also adopted the respectful gesture of greeting by Saying 'Namaste'. Then Academic day



starts with the National anthem followed by smiling & happy session of 2-3 minutes including birthday of classmate in a particular day and ends with National-Song.

- **Human Interaction** : Meetings, Sharing Thoughts & Information, Group Discussion, Debates, Quizzes, etc. are a regular and integral part of the students life in the University. Students are introduced to such practices from their very first day and to that end. Students are encouraged to take part in such activities which are happening in the campus daily/weekly which makes students stress free, happy, prevent them from anxiety, depression and hone their interpersonal and communication skills. Class Representative of each Class is also appointed as Spokes person of their class who is responsible to communicate with all her class fellows about the necessary information circulated and disseminated in University time to time by their Teachers, University Management. or Students Council "Jayoti Sangh".
- **Inspired & Share happiness:** Every new member join the JVVU family get inspired with our culture and share respectful gesture of greeting others with happiness.
- **Punctuality:** Punctuality is the key to get success in life and habit of being punctual for classes and wearing proper Uniform with ID-Card with appropriate learning material prevent our students from any unnecessary trouble.
- **Inculcating Patriotic values:** University Academic day starts with the National anthem followed by smiling & happy session of 2-3 minutes including birthday of classmate in a particular day and ends with National-Song. We take this initiative to develop a habit among students and teachers to build a sense of patriotism and a habit to express affection for the Nation.
- **Active Students are Happier & Healthier:** To inculcate moral ethical values, spirit of social responsibilities, University offers University Mission Courses (UMC) **Women Rights & Laws, Self Defense, Help-Aid, Yoga & Meditation, Gender Sensitization and My Behaviour** and University Compulsory Courses (UCC) in the form of University **"Nation Building & Community Development Program (NBCD) Certificate"** Degree awarded to the students only after obtaining grade in these courses along with required Academic Credits.
- **University Feedback, Grievance & Happiness Centre (CC):** For Student convenience, 24 hours helpdesk is available with helpline numbers. students can make calls on helpline numbers from their hostel room. Students Complaint Box & Suggestion Box are placed at University Feedback, Grievance & Happiness Center, where students can put their Complaints/Suggestions/feedback or confess their guilt/mistakes with or without mentioning their name/ enrollment number. It is opened on every Saturday. University Management examine the all matter and propose the necessary measures to resolve the same if required.
- **Medical Care:** We Endeavour to provide the best Medical health care possible in a manner that is competent, compassionate, confidential, timely and in an atmosphere of mutual responsibility and respect for which fully functional University Hospitals (Suryansh Arogyashala) with round a clock doctors and nursing assistants are in place to offer 24x7 emergency medical care for first aid, minor/major issues and first aid.

- **Samiksha Desk:** University Established "**Samiksha Desk**" An open forum for students where they can share or discuss any problem directly to University Management. The Samiksha desk interaction held on every Saturday between 4.00 p.m. to 5.00 p.m.
- **University Committees for Student Support:** We are committed to provide educational environment, Free from Ragging, Free from Sexual Harassment, Unlawful persecution, Discrimination of any kind and working. for which University established the following Committees for Student Support.

**University Committees for Student Support :**

- Grievance Redressal Committee (UGRC)
  - Anti Ragging Committee: (AGC)
  - Student Disciplinary Committee (SDC)
  - Committee For Reserved Categories including SC/ST/OBC & Minority.
  - Foreign Students Monitoring Committee.
- **Pre Identified Secure Interaction Portal:** To promote the habit of generation of ideas & thoughts University provided a secured portal developed by the University "**JV Interaction-Vichaar Manch**" for students to interact globally on various social and political issues to become socially responsible.
  - **Student Council - "Jayoti Sangh":** The University established Student Council " The Jayoti Sangh' is a volunteer set-up of students that acts as a bridge between the University Administration and student community and actively participate for University each & every activity that hone their leadership skills and build up their confidence & overall personality development .
  - **Organize Events & Celebrations**  
University take time out from regular academic activities and celebrates the lesser known days along with the national holidays that include Faculty wise Day Celebrations, Festival Celebrations, University Annual event etc.
  - **Unique "Teaching & Learning Methodology"** To Practice our unique "Teaching & Learning Methodology", teachers stimulate and engage students through following teaching learning process:
    1. Teachers start the lecture with discussion on previous lesson, then discuss today's topic to be delivered in class. The topic to be discussed in next class is also shared with the students so that they can prepare themselves for the upcoming classes.
    2. Teachers also share University library references in online and offline mode along with Ancient Indian literature references.
    3. Teachers give live examples for better understanding of the topic.
    4. Teachers suggest better ways to understand today's topic.
    5. Teachers also share competitive questions from today's topic helpful in appearing entry/ exit exam
    6. Teachers suggest ways to answer in exam to secure good marks.
    7. Teachers use ICT resources and smart classes as an effective tool of teaching.
  - **Orientation Sessions:** Starting from the admission of student, teachers take orientation and motivational sessions so that students can understand the program outcomes, course outcomes and learning outcomes in better way and could decide their portfolio as per

their professional goals. Beginning of Orientation Programs Based on their Academic & Recreational Activities & Provide Information about University Rules & Regulations.

- **Portfolio Development:** The University has designed unique activities leading to real practical exposure for better understanding with academics and recognition of their talents.

The students are divided into three portfolios on the basis of their field of interest and by using scientific methods like psychometric test, personal interviews, interactions etc.

**The Portfolios are:**

**Corporate Portfolio, Government Portfolio and Entrepreneur Portfolio.**

The University puts efforts and gives attention on the students according to the Portfolio and organizes each and every activity of the student in the direction of Portfolio like – Industry Training, Industry Visit, Projects, Dissertation, Tailored Programs, CDA/ ECA/ Language Proficiency courses and keeps grooming.

- **Mentorship:** Mentoring with motivation eventually helps students meet their goals. Mentors ensure their mentees are medically-fit, stress-free, happy, smiling and in regular communication with parents. New students' learner-ship is decided on the basis of psychometric test. Old students are categorized as slow, average and advanced learner based on their percentage in last end-term exam & performance in non-academic courses. Teachers analyze them on decided parameters and divide in three categories (slow-learner, average-learner and advanced-learners). Teachers offer different approaches to what students learn, how they learn, and how they demonstrate it. Advanced learners are awarded with A\*\* and given 3 additional marks as performance reward which is reflected in their mark sheet to motivate them and others to enhance their learning level.
- **University Startup Activities:** The University Startup Centre is developed for students to create a culture of innovation and entrepreneurial spirit in students with an aim to shape their ideas and check the ability, knowledge & market acceptability of their project/products in accordance of Industry and Community need. Our students work at University Startup Centre as a part-time job on 'Earn While Learn' Concept with the support of following Setups:
  - Thought Process Lab
  - Centre of Planning, Integration & Correlation
  - Innovation & Incubation Centre
  - Startups Centre
  - JV IPR & Seed Money Desk
  - JV Software Launch Pad
  - JV Data & Analysis Centre
- **Recreation:**

To extend the peaceful mind, happy, stress free & disciplined, non addicted cheerful life at JWU, the University provides various recreational facilities for students such as Yoga & Meditation, Gym, Self Defense training, Dance, Music, Indoor & Outdoor Sports, Discotheque, TV, Garden, Play Grounds etc to encourage students to participate in Extracurricular activities and involving them in University activities like event celebrations, festival celebrations, competitions etc. which organizes throughout a year.

- **Recognitions & Rewards:** University recognizes the excellence of students time to time with certification, Award & Prizes etc. for their academic achievement and their active engagement and a positive attitude towards University academic & non academic endeavors.

University Happiness Practice is an evidence of transformative and sustainable growth of our students in versatile fields and play a crucial role in improving their emotional, physical, social and behavioral wellbeing by reducing stress and increasing happiness and performance.

From Wake up every day and begin their day with a peaceful start to end day with their active participation in University each activity. It is nice to see that our students paid great emphasis on their health, human interactions, recreation, stress management, community development through various ways available in University premises. Our 'Mobile Restricted, Disciplined Environment' for students keeps them more attentive towards their career goals and also providing the industries the employees that are non-addicted to mobile phone, sensitive to moral education, More happier & healthier hence re-shaping the Nation.

*Jayoti Vidyapeeth Women's University, Jaipur holds pride*

*For Delivering*

*Non Addicted, Disciplined, Human Interactive, Socially Responsible & Skilled Women to  
the Nation.*