BEST PRACTICE – I

- 1. TITLE OF THE PRACTICE "ENGAGED LEARNING"
- **2. OBJECTIVE:** The goal of these programs is to inspire and support students in becoming entrepreneurs while honing skills aligned with current job market demands. In line with the NEP 2020, the college has initiated programs aimed at equipping students with the knowledge, skills, and techniques essential for their personality development.
- **3. CONTEXT**: Guided by IQAC, the college has spearheaded initiatives to offer skill development programs, fostering platforms for self-employment opportunities and enhancing students' competitiveness in job markets. Aligned with the scope of NEP, the college has introduced skill enhancement programs and short-term/certificate courses, aiming to cultivate students' personality, entrepreneurial abilities, and language proficiency.
- 4. PRACTICE: The College has fostered an environment that encourages the education of young women with diverse skill development programs. This was achieved through orientation sessions, skill-oriented workshops, and insightful talks by experts in relevant fields. The college hosted several programs under the Institutions Innovation Council (established under MOE India), Entrepreneurship Cell, Fashion Designing, Fine Arts, and Home Science departments. The college equips girls from far flung and remote villages of border areas with skills, fostering self-dependency. The Home Science department aids students in learning skills such as pickle preparation and snack items like papad, enabling them to sell these products and generate income. Likewise, the Cosmetology department teaches students skills such as threading and facials, allowing them to offer home services or establish their own salons. Additionally, fashion design students frequently establish their boutiques in nearby neighborhoods, providing services to communities while also supporting themselves and their families. The college is offering following range of skill development opportunities to students.
 - I. Entrepreneurial Skill Enhancement Workshops
 - **II.** Interactive Sessions
 - **III.** Training and Internship Opportunities
 - IV. Program by IIC (Institution's Innovation Council)
 - V. Exhibitions under Learn and Earn
 - VI. Skill Based Certificate/Short-term and Add-on courses
 - VII. Educational, Industrial, and Field Excursions

(I & II) Entrepreneurial Skill Enhancement Workshops and Interactive Sessions

The purpose of Skill Enhancement Workshops and Interactive Sessions in college is to provide students with practical, hands-on experiences that complement their academic learning. These workshops aim to enhance the skill set of students by offering targeted training in areas crucial for their professional and personal development. Through interactive sessions, students not only acquire theoretical knowledge but also gain practical insights, fostering a deeper understanding of the subject matter. These initiatives serve as a bridge between academia and real-world application, preparing students for the challenges of the professional landscape. Overall, these endeavors contribute to the holistic growth and employability of students, aligning their education with the practical skills required in their chosen fields.

- 1. **28–29 May 2024** Fine Arts Department conducted a *Portrait Making Workshop* led by Mrs. Kirandeep, HOD, with 60 students and 5 faculty members in attendance.
- 2. **24–27 May 2024** Computer Department organized a *Web Designing Workshop* with participation from 25 students.
- 3. **22–23 May 2024** Cosmetology Department hosted a *Self-Grooming Workshop* by Ms. Karishma Bagga, owner of Makeover and Salon, Gurdaspur.
- 4. **20–21 May 2024** Fashion Designing Department conducted a workshop titled *Earn While You Learn*, led by fabric painting expert Ms. Suman.
- 5. **16 May 2024** Home Science Department organized a *Cooking Without Fire Workshop* by Ms. Harmanpreet, Kitchen Professional, Hotel Lalit, New Delhi.
- 6. **13-31st May 2024** A Skill-Oriented Programme was organized by IQAC and the Youth Club for the newly admitted students.
- 7. **13th May 2024** The Sports Club organized a yoga and meditation workshop, with Mr. Rohit Bharti and Mrs. Rajni Chandel, District Yoga Instructors, serving as the resource persons.
- 8. **3 May 2024** Commerce Department hosted a *One-Day Workshop on Requisites of Income Tax and E-filing* with resource person Mrs. Heena Mahajan, Chartered Accountant and alumna; attended by 41 students.

- 9. **2 May 2024** Commerce Department, in collaboration with Enactus Club, arranged a *Tally Workshop* led by Mrs. Sweety, Office Superintendent and Accountant, with 52 students from B. Com 2nd Semester.
- 10. **12 April 2024** Fashion Design Department presented a fashion show titled *Rangrez 2*, with participation from 70 students.
- 11. **8 April 2024** Fine Arts Department conducted a *Calligraphy Workshop* by Ms. Taranjeet Kaur, Assistant Professor, BBK DAV College, Amritsar, attended by 35 students.
- 12. **7 April 2024** Cosmetology Department and KB Makeover Salon, Gurdaspur, hosted a *Hydra Facial Workshop*, attended by 35 students.
- 13. **27 March 2024** Career Counselling, Placement and Guidance Cell, and English Department collaborated with Naandi Foundation to conduct the *Cambridge English Language Proficiency Test*, taken by 150 students.
- 14. **22 February 2024** Fine Arts Department students participated in inter-college competitions at Golden Group of Institutes, Gurdaspur. Najma and Khushboo won 2nd place in Collage Making, and Sakshi secured 1st place in the Selfie Challenge.
- 15. 20 February 2024 English Department and Career Counselling Cell conducted a Language Proficiency Workshop in collaboration with Canam Plus Consultancy, Amritsar. The keynote speaker Mr. Saurabh Ahuja, a Territory Manager from Amritsar, Raghav Sehgal, Branch Manager & Marketing Executive, Mrs. Navdeep Kaur, a senior IELTS trainer, Cambridge certified Mr. Sidana, a country counselor and Mr. Mannish, a Marketing Executive from Canam consultancy were present. Attended by 55 students and 4 faculty members.
- 16. **20th January 2024** The Computer Department, in collaboration with IQAC, organized an Ability Enhancement Program on *'Email Creation and Its Operational Process'*. The session covered topics like email creation, composing messages, recovering passwords, uploading attachments, and downloading files. 153 students across three groups and 5 faculty members from the IT Club participated in the event.
- 17. **3 February 2024** English Department hosted a *National Conference on Creative Writing* with insights shared by Dr. Pritam Priya Goswami (Don Bosco University, Assam), Dr. Vijay Mehta (Arni University, Kathgarh), and Dr. Siddharth Satpathy (Central University, Hyderabad); attended by 200+ students and 4 faculty members.

- 18. **22 December 2023** Fashion Design Department held a workshop on *Fashion Illustration Rendering of Fabric Textures* with Ms. Daljit Kaur, Assistant Professor, Dasmesh College of Girls, Mukerian; attended by 25 students and 2 faculty members.
- 19. **20 December 2023** Cosmetology Department hosted a *Nail Art Workshop* led by Ms. Sandhya, a renowned nail artist; attended by 21 students and 1 faculty member.
- 20. **20 December 2023** Science Department conducted a workshop on *Preparation and Mounting of Slides* with guest speaker Dr. Paramjit Singh Bagga, Ex-Professor and Director, Punjab Agriculture University; attended by 25 students and 3 faculty members.
- 21. **10 October 2023** Cosmetology Department arranged a workshop on *Advanced Haircut* and *Professional Makeup* with Mr. Siddharth Dhiman and Ms. Suchita from The Sabir Academy & Salon, Gurdaspur; attended by 29 students and 1 faculty member.
- 22. **6 October 2023** Library Committee organized a session on *Effective Usage of INFLIBNET and DELNET Resources*.
- 23. **28 September 2023** Research Promotion Committee hosted a *Building Research Aptitude Workshop* with Dr. S.K. Sharma, General Secretary, GGDSD Society, Chandigarh, for permanent and regular faculty members.
- 24. **21 August 2023** Innovation Cell (IIC) and Nehru Yuva Kendra, Gurdaspur, conducted an *Entrepreneurship and Outreach Program* on the *Significant Role of NEP 2020* at H.S.D. Senior Secondary School, Gurdaspur.
- 25. **12 August 2023** Library Committee celebrated National Librarian's Day with a lecture on *Innovative AI Tools for Research and Education* by Dr. Gurpreet Singh, Head Librarian, GGDSD College, Chandigarh; attended by 46 students and 15 faculty members.

III. Training and Internship Opportunities

Under directions of District Education Officer, our college provides Vocational training to school students of Gurdaspur.

1. **6 December 2023** The Fashion Designing and Home Science Departments organized a *Vocational Training Program* at the college, attended by 24 students from Govt. Senior Secondary School, Gurdaspur. The program concluded with an exhibition showcasing the students' work. The event was honored by the presence of Lakhwinder Singh (DEO), Pardeep (District Coordinator), Iqbal Sharma (DM Sports), Aman Gupta (Steno), and vocational trainers Sumit Kumar and Raj Kumar.

2. **2 February 2024** The Cosmetology Department welcomed 49 students from Govt. Secondary School, Babehali, for a guided tour and demonstration. Ms. Kulwinder, Head of the Department, conducted an informative session on facial treatments, bleaching, and hair-cutting techniques.

(IV) Program by IIC (Institution's Innovation Council)

The college has established an Institution's Innovation Council (IC202221100) in the campus as per the norms of Innovation Cell, Ministry of Education, Govt. of India during the academic calendar year 2022-23 with the objectives to involve faculty members and students in various innovation and entrepreneurship related activities such as Ideation, Problem Solving, Proof of Concept Development, Design Thinking, IPR, Project Handling and Management by Organize periodic workshops or seminars or interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.

- 1. **29th May 2024** The social media cell of IIC organized a webinar titled 'Mentoring Event: Demo Day of Business Plan', with Ms. Rouble, an entrepreneur, as the resource person. The webinar was attended by 42 students and 6 faculty members.
- 2. **2nd May 2024** The Institution's Innovation Council conducted a session on 'How to Plan for a Start-up: Legal and Ethical Steps'. Mr. Parminder Singh, a start-up initiator at Agro Stubble Management Pvt. Ltd., Gurdaspur, was the keynote speaker. 48 students from the 2nd semester of B. Com and 4 faculty members attended the session.
- 3. **30th April 2024** The Start-up Cell of IIC organized a one-day visit to the *Golden Jubilee Centre for Entrepreneurship and Innovation (GJCEI)*, GNDU Amritsar. 40 students along with 4 faculty members participated in the visit.
- 4. **25th April 2024** The IPR Cell and the Economics Department arranged a workshop on 'IPR and IP Management for Start-ups'. The resource persons were Ms. Harkirandeep Kaur and Mr. Ravideep Badyal from the Department of Law, GNDU Amritsar. 75 students and 4 faculty members attended the workshop.
- 5. **10th-11th April 2024** The Innovation Activity Cell of IIC and the IT Club organized a two-day workshop on *'Prototype/Process Design and Development'*, conducted by Mr. Sachin Gupta. The workshop was attended by 59 students and 2 faculty members.

- 6. **14th March 2024** The Social Media Cell of IIC, in collaboration with the Hindi and Punjabi Departments, organized an educational visit to the All-India Radio Station, Jalandhar. The visit was attended by 26 students and 2 faculty members.
- 7. **28th February 2024** To celebrate *National Science Day*, the Science Club, Environment Association, and Celebration Cell of IIC, in collaboration with Punjab State Council for Science and Technology, organized a workshop on *'Lifestyle for Environmental Action'*. Dr. Gurwinder Singh, Ms. Apoorva Kohli, Mr. Sandeep Singh, Mr. Jaitish Loi, Mr. Amandeep Singh, Mr. Angadjit Singh, and Mr. Gurjot Singh were the keynote speakers. 8 faculty members and 90 students attended the workshop.
- 8. **26th February 2024** The Science Department and IIC organized a workshop on *'Critical Thinking, Design Thinking, and Innovation Design'*. Dr. Ravneet Kaur, Innovation Ambassador, and Dr. Khushboo Aggarwal, Assistant Professor in Commerce, were the resource persons. 40 students and 4 faculty members attended the event.
- 9. **19th-24th February 2024** IQAC, IIC, and Career Counselling Placement & Guidance, in collaboration with DBEE Gurdaspur, Naandi Foundation, and Mahindra Pride Classroom, conducted a five-day *'Employability Skills'* training program for final-year female students. The chief guest was Sh. Subhash Chandar, ADC General, and Sonia Rana from Naandi Foundation was the resource person. 60 students participated in the training.
- 10. **9th February 2024** The Computer Science Department, in collaboration with IIC and the IT Club, organized an *'Expert Talk'* on *'Process of Innovation Development, Technology Readiness Level (TRL), and Commercialization of Lab Technologies & Tech-Transfer'*. The resource person was ER. Somak Basu, CEO of One Quest Technologies.
- 11. **9th February 2024** The Cosmetology Department organized a one-day workshop on *'Professional Makeup'*. The event was graced by Ms. Sehaj Kaur, a young trainer from Pathankot. 46 students attended the workshop.
- 12. **9th February 2024** The Fashion Designing Department organized a one-day workshop on *'Resin Art'*, with Ms. Pauravi Sawal, a Resin Art artist and student from Monash University, Melbourne, as the resource person. 40 students participated in the workshop.
- 13. **5th February 2024** The Fashion Designing Department, in collaboration with IIC, conducted a workshop on *'Sewing Machines'* sponsored by Usha International Limited. Mr. Jobanpreet Singh from Usha Sewing Machine was the resource person. 32 students and 5 faculty members attended the workshop.

- 14. **29th January 2nd February 2024** The Ministry of Education's Innovation Cell, in collaboration with the Wadhwani Foundation and AICTE, organized an *Innovation*, *Design, and Entrepreneurship Boot Camp (Phase II)*. Eight students from the college participated in the boot camp across various locations.
- 15. **16th January 2024** IIC celebrated *National Startup Day* by organizing an *SD Bazar* in the college campus. Seven stalls were set up by various departments. 45 students and 3 faculty members participated in the event, with Sh. Amandeep Kaur Ghuman, SDM, Gurdaspur, as the Chief Guest and Mr. Parminder Singh, Director of Agro Stubble Management Pvt. Ltd., as the Guest of Honour.
- 16. **12th January 2024** IIC, NSS, and the Central Association celebrated *Youth Day* with a visit to an old-age home in Lehal village near Dhariwal. Lohri eatables and warm socks were distributed to 40 elderly residents.
- 17. **14th December 2023** To observe *National Energy Conservation Day*, IIC and the Save Energy Club initiated a one-hour electricity shutdown across the campus to promote energy conservation. 40 students and 20 faculty members participated in the event.
- 18. **11th December 2023** The college participated in the nationwide 'Viksit Bharat @ 2047' program, joining a voice of youth video conferencing initiative. 285 students and 20 faculty members attended the event, and 22 faculty members submitted their innovative ideas on the mygovt@2047 portal.
- 19. **2nd December 2023** *National Pollution Day* was observed by IIC, in collaboration with the Environment Association, to raise awareness about the increasing pollution levels. 50 students and 3 faculty members attended the event.
- 20. **14th November 2023** Mentoring expert Mrs. Jyoti Saini and Innovation Ambassador Dr. Ravneet Kaur led a session for IIC 6.0's Calendar Activity Quarter 1. The event focused on 'Demo Day/Exhibition/Poster Presentation of Idea/PoC & Linkage with Innovation Ambassadors/Experts for Mentorship Support', attended by permanent, regular, and adhoc faculty members.
- 21. **11th November 2023** IIC and the Celebration Cell of the college celebrated *National Education Day*. During the event, an awareness lecture was delivered by Ms. Samita Khajuria.

- 22. **9th November 2023** IIC and the Celebration Cell marked *National Entrepreneurship Day* by participating in the Josh Utsav at Government College, where our students set up a stall selling vermi-compost and plants.
- 23. **26th October 2023** The Startup Cell of IIC organized an online workshop on *'Entrepreneurship and Innovation as Career Opportunities'*. Ms. Geetanjali Mehra, Interior Designer and Founder of Green Wrap, was the resource person. 52 students and 9 faculty members attended the workshop.
- 24. **21st October 2023** IIC and the Alumni Association organized a 'Motivational Session: My Story by Successful Innovators', with Ms. Priya (Alumni and Makeup Artist) as the keynote speaker. 195 students and 7 faculty members attended the session.
- 25. **15th October 2023** IIC and the Celebration Cell commemorated Dr. APJ Abdul Kalam's birth anniversary with a plantation drive in the college campus. 40 students participated in the event.
- 26. **21st August 2023** The Innovation Cell of IIC, in collaboration with Nehru Yuva Kendra, Gurdaspur, conducted an *Entrepreneurship and Outreach Program* on *'The Significant Role of the National Education Policy (NEP) 2020'* at H.S.D Senior Secondary School, Gurdaspur. The event was coordinated by Ms. Jyoti Saini, Ms. Punita Sehgal, and Ms. Surkhab Shelly.
- 27. **22nd August 2023** IIC organized a guest lecture on *'Innovators and Start-up Ecosystem Enablers'* with Dr. Neenu Sharma, Head and Assistant Professor in Commerce at SDAM College, Dinanagar, as the keynote speaker. 70 students and 6 faculty members attended the event.
- 28. **15th August 2023** IIC celebrated the 78th year of Indian independence with the 'Azadi Ka Amrit Mahotsav'. The event featured a dish-making competition (Home Science), painting competition (Fine Arts), and mehndi competition (Cosmetology). 50 students and 7 faculty members participated.
- 29. **5th August 2023** IIC organized a webinar on *'Towards Atmanirbhar Bharat: The Need for Innovation, Startups, and Economic Transformation in Punjab'*. Dr. Manoj Kumar Teotia, Assistant

(V) Exhibitions under Learn and Earn

Various departments, Clubs and Committees organised time to time exhibitions cum sale in campus to inculcate entrepreneurial skills among students.

1. **25th April, 2024** The Alumni Association organized a summer exhibition. Ms. Sakshi Sharma, an alumna from the 2008 batch, displayed a clothing exhibition featuring vibrant and comfortable summer dresses.

2. **17th April 2024** The Fine Arts, Fashion Designing, and Home Science Departments organized an exhibition-cum-sale under the 'Learn and Earn Scheme'. A total of 15 Fine Arts students, 10 Fashion Designing students, and 10 Home Science students participated in this event.

3. **24th November 2023** Students participated in an exhibition organized by GNDU, Amritsar, to mark its 54th Foundation Day. 3 faculty members and 6 students attended the exhibition.

4. **9th November 2023** The Fine Arts Department organized a workshop-cum-exhibition to teach students the art of decoration in celebration of Diwali.

5. **1st November 2023** The Fashion Designing Department organized a Karwa Chauth celebration and exhibition showcasing handmade items.

6. **26th October 2023** The Fashion Designing Department arranged a Karwa Chauth exhibition as part of the 'Learn and Earn' initiative on the college campus. Students enthusiastically participated and earned Rs. 2,750. Faculty members and students visited the exhibition.

7. **15th-16th September 2023** The Fashion Designing Department organized its 'Annual Garment Sale', where students showcased dresses they had designed, and faculty members purchased them. 20 students and 5 staff members facilitated the sale.

8. **24th August 2023** A stall selling organic manure produced by the college's vermicomposting unit was set up on the college campus. Faculty members and students purchased the manure, and certificates were distributed to 10 students who completed vermicomposting training.

(VI) Skill Based Certificate/Short Term and Add-on Courses

Add-on Courses: Add-on course is a scheme to increase employability and entrepreneurship for students pursuing various different course. The certification process is structured as follows:

- On completion of the first-year certificate of course is given.

- On completion of second year certificate of Diploma is given.

- At the culmination of the final year, certificate of Advance Diploma is given

Add-on Courses	Certificate Courses	Skill Development	Short Term
		Programme	Courses
Add on banking and insurance	Certificate course in fine arts	Skill development	Short term course
		Programme in Working of	in Designing and
		Scientific Instruments	Tailoring
Add on functional English	Certificate course in music	Skill development	Short term course in Beauty Therapy
		Programme in Vedic	
		Maths	
Add on biotech		Skill development	
		Programme In Financial	
		Modeling	
Add on		Skill development	
cosmetology		Programme in Fashion	
Cosmetology		Designing	
Add on basic		Skill development	
cooking and		Programme in	
catering		Cosmetology	
management		Cosmetology	
Add on i.t		Skill development	
		Programme in Web	
		Designing	
Add on apparel		Skill development	
designing		Programme in Soft Skills	
		Skill development	
		Programme In Simulation	
		of Commerce through	
		Technology	

To implement NEP 2020 under skill development Certificate Courses (IQAC initiative) on Retail Management, Soft Skills, C and C++, Web Designing, Artistic Entrepreneurship, Basics of Experimental Techniques, Basics of Mathematics, 'Vedic Mathematics' and Artistic

Entrepreneurship were organized by the Commerce, English, Computer, Science, Mathematics and Fine Arts departments respectively.

(VII) Educational, Industrial and Field visits

College arranged various visits for students to inculcate the entrepreneurship skills among students. Through arranged visits, students gained practical insights into entrepreneurship, learning first-hand about business operations, strategies, and challenges. These experiences helped them develop a deeper understanding of entrepreneurial skills and the business environment. Students also had the opportunity to interact with professionals, fostering networking and mentorship opportunities. Overall, the college's initiative aimed to instil practical knowledge and a sense of entrepreneurship among students.

- 1. **6th March 2024** The Fashion Designing Department organized a one-day industrial visit to OCM Private Ltd, Amritsar. A total of 30 students from the department, along with two faculty members, participated in the visit.
- 2. **6th March 2024** The Cosmetology Department arranged an educational excursion to KC Beauty City, Amritsar. This insightful visit was attended by 22 students and one faculty member.
- 3. **18th February 2024** A program on '*Women Empowerment*' was conducted at Golden Group of Institute, Gurdaspur, under the guidance of the principal. Nine students and one faculty member attended the event.
- 4. **3rd February 2024** The Commerce Department, in collaboration with IIC, organized a one-day field visit to *The Gurdaspur Co-operative Sugar Mill Ltd.*, *Paniar*. Forty undergraduate students, along with three faculty members, participated in this field visit.
- 5. **21st December 2023** The Science Department arranged a one-day field visit to the PAU Regional Campus, Gurdaspur, as part of their skill development course. 2 faculty members and 25 students attended the visit.
- 6. **23rd September 2023** The Commerce Department organized an industrial visit to *ITC Ltd.*, *Kapurthala*, with students also visiting the Devi Talab Temple in Jalandhar. A group of 40 students and two faculty members attended the visit.

5. EVIDENCE OF SUCCESS

This practice empowers learners by providing essential knowledge to enhance their skills,

enabling them to capitalize on the best opportunities. It equips students for industry readiness, facilitating seamless recruitment by industries and corporations. The following outcomes were observed:

- 1. Active student participation in experiential and participatory learning.
- 2. Promotion of financial independence.
- 3. Boost in students' confidence levels.
- 4. Exposure to current market trends.
- 5. Practical application of laboratory knowledge.
- 6. Preparation for self-employment opportunities.
- 7. Effective use of acquired knowledge and skills.

Ultimately, this practice achieved remarkable success in fostering employment opportunities, self-employment, and start-up ventures among students.

6. PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED

- 1. Limited presence of industries in the region.
- 2. Insufficient funds and resources.

7. OUTCOMES

- 1. Completion of certification programs offered by the Ministry of Higher Education, Government of India.
- 2. Establishment of independent start-ups by students.
- 3. Increased awareness and cultivation of skills among students.
- 4. Development of enhanced communication and problem-solving abilities.
- 5. Preparedness of faculty and students for implementing the National Education Policy (NEP) 2020.

BEST PRACTICE II

1. TITLE OF THE PRACTICE- ECO-SUSTAINABLE GREEN CAMPUS

- 2. OBJECTIVE: In today's tech- driven world, where social media is a major influence on the younger generation, our college has taken proactive measures to promote a sustainable and eco-friendly campus. Various committees including Eco Club, Save Energy Club, and Swachh Committee have played a pivotal role in spearheading the Green Campus initiative, which aims to achieve key objectives such as utilizing sustainable energy sources, implementing energy-saving techniques, promoting extensive recycling and composting, and enhancing the campus with lush greenery.
 - **3. CONTEXT:** Our institution is committed to environmental protection and has been a pioneer in green practices. The primary goal is to create a harmonious and eco-conscious learning environment. The institute has implemented various green campus initiatives with the participation of students and faculty members. These activities aim to protect the environment, reduce water waste, and optimize energy resource usage in campus.

Our Institution has been implementing the following eco- sustainable practices to create healthy environment and educate students about sustainability:

- Institute's initiatives to promote environmental consciousness and reducing resource usage
- Taking steps towards SDGs and responsible resource management
- Implementing energy conservation measures, waste reduction, and recycling
- Adopting renewable energy sources like solar power
- Raising awareness about ecological sensitivity and biodiversity conservation through campaigns and trainings
- 4. PRACTICE: The institute has actively encouraged student participation in creating an eco- sustainable campus. To foster environmental values, students are given training, practical knowledge and are involved in the SD nursery and Kitchen Garden. Students adopt this practice in their homes and locality as well. This empowers them to become educated individuals who can contribute to a greener future. The college promotes pesticide-free vegetable cultivation in the kitchen garden thus supporting Mother Nature. The college promotes bird friendly campus by planting native trees. Also, the institute conducted energy, environment and green audits to optimize electrical usage in campus. Faculty members and students are advised to switch off the lights and appliances when

necessary. The college is continuously working towards making the campus more environmentally friendly through infrastructural additions and other efforts. Following are some undertaken initiatives:

INITIATIVES AND ACTIVITIES OF THE ECO CLUB

- (1) Green cover in campus- kitchen garden, botanical gardens & lawns
- (2) Vermicomposting unit of college campus
- (3) SD Nursery
- (4) Waste management
- (5) Water conservation
- (6) Aashiyana for birds
- (7) Seminars/ Workshops/ Lectures
- (8) a. Plantation drives outside campus
 - **b.** Plantation drives in campus
- (9) Celebration of important days and competitions
- (10) Visits/Training/Exhibitions
- (11) Plant of the month
- (12) Sustainable practices
- (13) Other activities (Miscellaneous)
- (14) Honors and appreciations

(1) Green cover in campus- kitchen garden, botanical gardens & lawns

- In our college campus, there are three lawns, one kitchen garden, one botanical garden and one herbal garden.
- The Eco Club of the College inaugurated the kitchen garden by planting fruit and vegetable saplings. Dr. Yamini Sharma from the Punjab Agriculture University, Regional Center, GSP, was our special guest.
- We are also in the process of establishing an herbal garden, where around 30-35 medicinal plants will be planted and labeled with their scientific names and properties under the guidance of Botany department.
- The gardeners of the college campus have been instructed to maintain the botanical and kitchen garden.
- The vegetables and fruits grown in the kitchen garden are used in the hostel for cooking, promoting a sustainable and self-sufficient approach.

(2) Vermicomposting unit of college campus

Vermicomposting is considered the best method to produce organic manure without harmful chemicals. It is a regular practice at our college, and students are given training on it from time to time. Under the guidance of Principal Dr. (Mrs.) Neeru Sharma, a 3-month training on vermicomposting was conducted from 27th March to 27th June, 2023. The trainer for this training was Er. Yuvraj Krishan, Director of Tathagata Organics Pvt. Ltd. Ten students and ten faculty members received training on vermicompost preparation under his supervision.

Vermicomposting provides valuable educational opportunities for students to learn about the importance of waste management, soil health, and sustainable practices. The objective of this training was to enable students to establish their own vermicomposting units and become entrepreneurs in the future. This engagement fosters a deeper understanding of environmental conservation and empowers students to become eco-conscious individuals. During the training, students learned the basics of vermicomposting, its meaning, and various approaches. They gained knowledge about the preparation method, application method, management, bed preparation, types of worms used, materials required, and step-by-step instructions. The trainer explained each step meticulously for setting up a vermicomposting unit.

On the last day of the training, students collected chemical-free manure, which was purchased by faculty members. The manure was used in the kitchen garden and SD nursery of the

college.

Our vermicomposting initiative extends beyond the college campus. We actively collaborate

with local communities, sharing our knowledge and resources to promote sustainable

practices. By organizing outreach programs and campaigns inspired by government

initiatives, we strive to create a ripple effect of positive change in the larger community.

(3) SD Nursery

The Eco Club, in collaboration with the Institute for Environment Conservation and Advocacy

(IECA) in Hyderabad, took the initiative to install an SD nursery on our college campus in

2023. The main objective behind this initiative was to instill a sense of responsibility towards

our planet and create a green cover for Mother Earth. The SD Nursery has played a crucial

role in nurturing and preserving the natural environment within our campus, showcasing our

commitment to sustainable practices.

As per the new education policy, practical knowledge is of utmost importance, and the

establishment of the SD Nursery aligns perfectly with this vision. The inauguration ceremony

took place in April, right here in our college campus, with the start of 250 plants.

Outcomes of SD Nursery

• Availability of plants for sale generated from mother plants, encouraging

entrepreneurship among students.

• Products offered include plants with clay pots and vermicompost.

• Promotes responsible environmental practices and instills the habit of conserving

plants and promoting greenery.

• Exhibitions and stalls of clay pots with plants and vermicompost manure were

arranged at various places like

State level Environment Conservation Fair at Ludhiana

Udyami Bazaar at Panjab University in Chandigarh

o Josh Utsav Govt. College Gurdaspur

o SD Bazaar in the college campus

• Students created clay pots and decorated them for guests visiting the college.

(4) Waste management

The waste management initiative at our college focuses on the separation of reusables and responsible disposal of all garbage. Our Institute encourages environment friendly practices as follow.

- To address waste disposal issue, we have prepared vermicompost units. Food scraps and other compostable materials are collected from the hostel and canteen, which are then used for campus gardens and landscaping.
- The use of plastic on campus is actively discouraged. We promote anti-plastic campaigns to raise awareness among students and faculty.
- Students are guided to steer clear of silver foil packaging for lunch and encourage them to embrace our old tradition of using cloth napkins.
- Cloth bags from old clothes are stitched by the Fashion Designing Department and NSS unit as a sustainable alternative to plastic bags.
- To minimize paper usage, important communication such as emails, examination records and scholarship records are prepared online.
- We have signed MOU with Municipal Committee of the city to ensure proper disposal.

These efforts collectively contribute to creating a more sustainable and environmentally conscious campus.

(5) Water conservation

- Major step was taken by college management to construct bore well recharge pits for rainwater collection from roof top with capacity 25000 sq. ft.
- Planting of less water-consuming plants like succulents, jade plant, snake plant dracaena etc.
- Conducting awareness campaigns on water conservation practices.
- Utilizing stored water for various purposes.
- Gathering waste liquids in blue bins for proper disposal.

These initiatives contribute to our college's efforts in promoting water conservation and sustainability.

(6) 'Aashiyana' for birds

- On 15th July 2023 the Eco Club of the college undertook the project 'Aashiyana' and successfully implemented it by installing bird house hangings to pay tribute to Sh. Upkar Krishan Ji.
- On 25th February 2023, to celebrate Basant Panchami, NSS and the Eco Club arranged food, water, and nests for the birds.
- The Eco Club undertook the 'Aashiyana' project on 14th April 2023 (first death anniversary of Sh. Upkar Krishan Sharma) and successfully implemented it by installing bird houses or nests in college gardens.

(7) Seminars/ Workshops/ Lectures

- On 28th February 2024 to celebrate National Science Day, Science Club, Eco Club and Celebration cell of Institution's Innovation Council in collaboration with Punjab State Council for Science and Technology organized a workshop on 'Life Style for Environment Action'. Dr Gurwinder Singh, Ms. Apoorva Kohli, Mr. Sandeep Singh, Mr. Jaitish Loi, Mr. Amandeep Singh, Mr. Angadjit Singh, Mr. Gurjot Singh were the keynote speakers of the event. 8 faculty members and 90 students were present in the workshop.
- On 18th Jan 2024 **Eco Club** organised a National Seminar on 'Towards 2030:Teaching the Sustainable Development Goals (SDGs) for Learners' in which Mr. Samarth Sharma, Regional Director, IECA and Mr. Ajay Tanwar, State Head, IECA were the resource persons. **72 students** and **2 faculty members** attended this seminar.
- On 6th June 2023, an online Workshop on 'Sustainable Practices and Mission Life' was arranged in the college campus in collaboration with the Ministry of Environment Forest and Climate Change. Mr. Samarth Sharma, Regional Director, IECA, was the keynote speaker, and 47 students attended the workshop.

(8) a. Plantation drives outside campus

- On 23rd July 2024, a plantation drive was organized under the scheme "Ek Ped Maa Ke Naam" Yojana and Van Mahotsav by Eco-Club and NSS unit in collaboration with Environment Protection Society, Gurdaspur.
- On 11th Jan 2024, plantation drive was conducted at adopted village of NSS (Babowal).
- On 6th June 2023, a Plantation Drive on the outskirts of the college campus was held by Youth Club of the college in collaboration with Jai Hind Sewa Club, Gurdaspur held.
- On 30th May 2023, the Rotaract Club Gurdaspur organized a Plantation drive on the outskirts of college campus.
- The college has successfully achieved the target of planting 100 plants. The institute motivated people to plant trees as many individuals participated. The college has implemented various progress to maximize their efforts in the plantation. The NSS and Eco Club in charge organized different projects like Project Arpit and Van Mahotsav celebration. Additionally, the college planted numerous plants in the adopted village of NSS and distributed different plants to the staff and students. Afterwards, students shared their pictures and videos showing their dedication towards tree plantation.
- On the occasion of Parents Teacher Meet, plants were distributed to parents and students to celebrate Van Mahotsav in 2023.

b. Plantation drives in campus

- On 15th July 2024, plantation drive was organized by Eco-Club on the occasion of death anniversary of Sh. Upkar Krishan Sharma Ji. Peach plant and Legistonia plant were planted on this occasion.
- On 5th June 2024, a Plantation Drive was conducted by Sh. Romesh Mahajan, Chairperson, Red Cross Centre, Gurdaspur.
- On 24th April 2024 to promote Eco sustainable green campus under Environment Education Programme, NSS and Eco - Club started a plant adoption scheme. Hostel students and volunteers from the NSS and students of Eco Club were divided into

groups, with each group responsible for adopting a plant. **30 students** and **3 faculty members** participated in this event.

 On 2nd June 2023, a Plantation Drive in the college campus was organized by Eco Club and NSS organized in which Mr. Romesh Mahajan, Chairperson, Red Cross Center Gurdaspur was the Chief Guest.

(9) Celebration of important days and competitions

- On 5th June 2024 **Eco club, NSS and IIC** celebrated World Environment Day by organizing a 'Plantation Drive and Exhibition for Environmental Purification'. Sh. Romesh Mahajan, Chairperson, Red Cross Centre, Gurdaspur was the Chief Guest. **35 students** and **4 faculty members** participated in this event.
- On 22nd April 2024 Earth Day was celebrated by Eco-Club in collaboration with NSS. A
 pledge was taken in the college assembly to protect the environment and show love for
 nature.
- On 22nd March 2024, to celebrate **World Water Day** a webinar on the theme 'Waterfor Peace' in collaboration with the Samagr Unnayan Foundation, Mohali wasorganised. 42 students and 2 faculty members attended this webinar.
- On 20th March 2024 the **Eco Club and Botany department** in collaboration with the Institute for Environment Conservation and Advocacy celebrated World SparrowDay. 6 students and 2 faculty members participated in this event.
- On 14th Feb, 2024 Eco Club organizes a bird feeding arrangement to mark the change of season.
- On 9th Feb 2024 **Eco Club** and **Home Science dept.** of the college celebrated 'SaladDay'. All the staff members enjoyed the salad of college kitchen garden.
- On 2nd December 2023 National Pollution Day was celebrated by the **IIC** of the college in collaboration with **Eco Club** to spread awareness about the problem causedby increasing pollution. **50 students** and **3 faculty members** attended this event.
- On the Government announcement of Summer Vacations from 1st June 2023, Eco Club, NSS Unit and IIC celebrated World Environment Day on 27th May 2023, and students participated in various events like Rangoli, Best out of waste, Wall painting, Doodle art poster.
- On 9th May 2023, "World Technology Day" was celebrated by Celebration Activity Cell of

the Institution Innovation Council in collaboration with Ministry of Education.

A visit to Punjab Agriculture University Gurdaspur was arranged. A group of 15 students along with teacher in-charge visited University for learning the new techniques and methods used in agricultural farming in today's developing world. Here students gained knowledge about different farming methods.

On 12th Jan 2023, 'Salad Day' was celebrated by Eco Club & Central Association of the college.

(10) Visits/Training/Exhibitions

- On 12th September 2023 NSS and Eco Club of the college visited the 'Kissan Mela'in the Krishi Vigyan Kendra, Gurdaspur. 6 students and 3 faculty members visited this Kissan Mela.
- From 7th March 2024 to 9th March 2024 Eco Club and Botany Department in collaboration with 'Samagr Unnayan Foundation' under Environment Education Programme supported by Ministry of Environment Forest and Climate Change arranged a three-day Nature Camp to Harike Wildlife Sanctuary at Harike. 50 students and 2 faculty members attended this camp.
- On 12th July 2024 the Eco Club, Botany Department and Home Science Departmentstarted
 a new initiative where mangoes grown in the campus were used for preparing mango
 chutney. 8 students and 3 faculty members participated in this project.
- On 16th Jan, 2024 IIC celebrated National Startup Day by arranging a SD Bazar in the college campus in which seven stalls were setup by various departments. 45 students and 3 faculty members were involved in this event. Amandeep Kaur Ghuman, SDM, Gurdaspur was the Chief Guest and Parminder Singh (Director, AgroStubble Management Pvt. Ltd. and Youngest entrepreneur from Gurdaspur) was the Guest of Honour.
- On 4th February 2024 the Environment Conservation Fair 2024 took place at the Rose Garden, Ludhiana, orchestrated by SOCH (Society for Conservation and Healing of Environment). Madam Samita, along with four volunteers from our college's Eco Club, participated in the event.
- On 21st Nov 2023, a stall of flower pots and vermicomposting was organized in an entrepreneur's market called Udyami Bazaar under Innovation Council Regional Meet

hosted by Panjab University.

- On 9th November, 2023 IIC and Celebration Cell celebrated National Entrepreneurship
 Day. According to the guidelines of the Punjab Govt. Josh Utsav was celebrated in Govt.
 College in which our students put their stall of vermi compostprepared in the college and sold plants.
- On 24th August, 2023 stall of organic manure produced from college's vermicompostunit
 was setup in the college campus. Faculty members and students purchased this manure.
 Also certificates were distributed to 10 students for vermicomposting training.

(11) "Plant of the month"

On 19th October 2019, the College started a campaign for highlighting importance of various plants month wise. Under this campaign, every month one plant will be declared 'Plant of the Month' based upon its seasonal cultivation and useful properties of these plants.

- On 23rd June, 2024 **Mango** was declared as plant of the month.
- On 8th May 2024, Chiku was declared as the **fruit of the month**.
- On 22nd April 2024, Lily was declared as the **plant of the month**.
- On 15th March 2024, Carrot was declared as the plant of the month.
- On 9th February, 2024 Turnip was declared as the plant of the month. **2 faculty members** along with **4 students** participated in it.
- On 27th Jan, 2024 'Fenugreek' was declared as the plant of the month.
- On 26th Dec, 2023 Lemon was declared as the Plant of the month.
- 'Mint' was declared as 'Plant of month' in April 2023
- 'Coriander' was declared as 'Plant of the Month' in March 2023
- 'Methi' was declared as 'Plant of Month' in February 2023.
- Turnip was declared as 'plant of the month' in January 2023.

(12) Sustainable practices

- Solar panels have been installed, helping to harness clean and renewable energy.
- Sensor-based water tap has been installed, conserving water and promoting efficient usage.
- LED bulbs have been used, reducing energy consumption and promoting sustainability.
- 5-star ACs have been used as they consume less energy, helping to conserve electricity

and reduce costs.

(13) Other activities (Miscellaneous):

(a) Flex releasing and displaying

- Flex Releasing on 6th June 2023 by Sh. Raman Bahl, Chairman Punjab Health Systems Corporations (Govt. of Punjab).
- Flex Releasing on 2nd June 2023 by Mr. Romesh Mahajan, Chairman Red Cross Centre, Gurdaspur.
- Flex Releasing on 31st May 2023 by MLA Sardar Barindermeet Singh Pahra and Assistant Commissioner Mr. Sachin Pathak.

(b) Gift a plant- a gift of nature

- Developed a culture of gifting plants to the guests of the college.
- Developed a culture among students to plant a tree anywhere in the city to celebrate birthdays of their loved ones.

(c) Project Arpit

camp.

• On 17th April 2024 **Eco-Club** undertook Project Arpit. Under the Arpit project, plantsare prepared every year on the birth anniversary of Pandit Mohan Lal Ji. These plantsare then distributed among staff members or students.

(d) Awareness Program

• On 30th April 2024 **Eco Club** organized an awareness program for the support staff, emphasizing the importance of the three different colours of dustbins: red, green, and yellow, and their respective usage.

(e) Awareness rallies and outreach programs

 From 8th Jan, 2024 to 15th Jan, 2024 NSS unit in collaboration with Institute for Environment Conservation Advocay, Hyderabad organized 7 day camp at adopted village Babowal. Various activities like creation of NSS Park and plantation drive; rally regarding 'Youth for Better Environment'; Swach Bharat campaign; distribution of fruits and clothes etc. were undertaken by the NSS volunteers. 45 students attendedthis

(f) Creative Wall Painting

• The Creative Fest 2023, organized by the Institution Innovation Council (IIC) in collaboration with the Ministry of Education, was a resounding success. The "Creative Wall Painting" event corner_saw students transform plain walls into stunning murals based on environment conservation with their innovative ideas and artistic flair.

(g) One Day Survey

• On 23rd December, 2023 one day survey on the 'Campus Plants and its beneficial aspects' conducted by Ms. Amita (Asst. Prof. Botany). She briefed the students about various types of plants like herbal plants, ornamental plants, indoor plants, outdoor plants and medicinal plants. 25 students attended this survey.

(h) Mission Life

 On 12th August, 2023 NSS Unit and Central Association in collaboration with NehruYuva Kendra, Gurdaspur celebrated an event 'Mission Life'. 30 students participated in best out of waste competition.

(i) Oath Taking Ceremony

• On 2nd June 2023, an Oath for 'Save Environment' ceremony for CA students was arranged in the college campus.

(j) Wall Magazine

• Eco Club showcased a **Wall Magazine** in June 2023 based on environmental issues.

(14) Honors and appreciations

- Our college received Certificate of Achievement for the Best Green Campus Initiatives Award 2024-25 by the National Edu Trust of India registered under Ministry of Micro, Small and Medium Enterprises, Government of India.
- College Principal received **Award of Honor for Best Principal** for incorporating environmental education into teaching methodologies by the National Edu Trust of India registered under Ministry of Micro, Small and Medium Enterprises, Government of India.
- Mrs. Samita Khajuria received **Award of Honor for Best Teacher** for incorporating environmental education into teaching methodologies by the National Edu Trust of India registered under Ministry of Micro, Small and Medium Enterprises, Government of India.

Our college got Certificate of Appreciation for the academic year 2022-23 in Phase I of the National Rural Institutions Sustainability Grading (NRISG) from Mahatma Gandhi National Council of Rural Education, Department of Higher Education, Ministry of Education, Government of India for being excellent in Sustainable practices.

Our college got

- o 'A Grade' for Green cover in Campus
- o 'A Grade' for Surface Water Harvesting
- o 'A Grade' for Rooftop Water Harvesting
- o 'A Grade' for Waste Management
- o 'B+ Grade' for Rooftop Solar System
- College got appreciation certificate for the amazing job to save environment and for organizing Bicycle Rally by Environment Protection Society, Gurdaspur.
- College got letter of appreciation for organizing various events and outreach programs by Nehru Yuva Kendra, Gurdaspur.
- College received certificate of appreciation for arranging the workshop under Environment Education Programme organized by Vertiver Sustainability Foundation and supported by Punjab State Council for Science and Technology, Chandigarh and Ministry of Environment and Climate Change.
- College received certificate of appreciation for arranging three days Nature Camp under Environmental Education Programme organized by Samagr Unnayan Foundation at Harike Wetland sponsored by Punjab State Council for Science and Technology, Chandigarh and Ministry of Environment, Forest and Climate Change, Govt. of India.
- College Principal received Appreciation Letter from Bharat Vikas Parishad for their valuable contribution to protect environment.
- Mrs. Samita Khajuria got Certificate of honour from Bharat Vikas Parishad for their valuable contribution to protect environment.
- District Child Welfare Council, Gurdaspur also presented the Certificate of Appreciation
 to her for being an active environmentalist in the city and working towards protecting
 environment honoured by Deputy Commissioner, Gurdaspur.
- Honoured by Environment Protection Society, Gurdaspur in 2023 for her exceptional services rendered in the area of saving environment of the city.
- Mrs. Samita Khajuria and Ms. Manbir Kaur awarded by certificate for paper presentation

on Clean Energy and Sustainable Environment in a National Seminar organized by Environment Conservation Advocacy, Hyderabad.

5. EVIDENCE OF SUCCESS

The campus has undergone rigorous energy, green and environment audits to ensure our commitment to sustainability in the year 2022-2023 by RK Electricals & Energy Audit Services, Chandigarh. Each project undertaken by the College serves as a small yet impactful step towards benefiting humanity as a whole. This best practice has proven successful through a range of activities that demonstrate our dedication to creating a better future.

- The establishment of the SD nursery has been highly effective in nurturing and preserving the natural environment within the campus.
- Since the installation of solar panels, there has been a remarkable decrease in the electricity consumption and bills. This demonstrates the efficacy of our renewable energy initiatives and their positive impact on reducing our carbon footprint.
- By adopting an e-academic management system, the college has significantly reducedits paper usage. GNDU mails information, notices communicated in WhatsApp group, this environmentally friendly approach, has contributed to a substantial decrease in paper waste.
- We have built rainwater collection tanks to boost our water conservation efforts. The collected rainwater seeps down and restores the ground water.
- These achievements serve as evidence of our dedication to SDGs and our ongoing commitment to making a positive impact on the environment and society as a whole.

Given the ecological concerns, our students actively volunteer to promote eco-friendly practices. Our college firmly believes that awareness about environmental conservation must be followed by tangible sustainable actions.

6. PROBLEMS

- There is ignorance among students and the community regarding the detrimental effects of plastic pollution on the environment.
- Urbanization has led to fewer plantation drives, resulting in a decrease in green spaces.

 People are unmindful about the depletion of water levels and the harmful effects of stubble burning on the environment.

7. OUTCOME

Guru Nanak Dev Ji eloquently expressed the significance of the environment with the phrase, "Pawan Guru, Pani Pita, Mata Dharat Mahat!" This phrase conveys the profound relationship between humanity and nature, acknowledging air as a guiding force, water as a nurturing entity, and the earth as a nurturing mother. In line with this, our college has embraced sustainable practices to foster a harmonious coexistence with Mother Nature.

- The College organized remarkable Green Diwali event by hostel students. Students spread awareness about the importance of a green Diwali. Instead of spending moneyon crackers students are motivated for sharing happiness with others by doing charityfor needy.
- Our college organizes dedicated rallies and campaigns like the Swachhta Campaign, Bicycle Rally, Plant Adoption Scheme, Be Friendly with Birds, and Plant of the Monthto raise Awareness and promote eco-friendly practices.
- We received appreciations for our small but impactful efforts in maintaining a healthy environment from various Govt. and Non-Govt. organizations.
- Various programs like Earn by Learn, SD BAZAAR, and Startup exhibitions are organized by our college to instill the value of entrepreneurship among students.
- Eco Club performed different activities. Fruits and vegetables harvested in Kitchen Garden are high in nutritive value and are also free from toxic chemicals and the same sold to college staff. This includes various seasonal vegetables like Saag, Spinach, Turnip, Radish, Fenugreek, Carrot, Mushroom etc.
- Vermicompost manure and vegetable stalls were also organized to promote the sale of organic goods.
- The students are allowed to come by two-wheelers having proper certificate of Pollution Check only. They are encouraged to share the vehicles if they are coming from same area.
- Students are aware of renewable energy sources like solar power and actively work on environmental issues.
- We have a norm of switching off lights and fans when not in use in college and hostels.
- Our students volunteer to plant vegetables and fruits at their homes and lawns.
- We have established linkages with NGOs for ecofriendly initiatives.

- We encourage students and faculty to adopt plant saplings on their birthdays and anniversaries through the "Plant Adoption Scheme."
- We honor distinguished guests with original plants in clay pots, promoting sustainable alternatives to plastic.
- We offer training to students to establish their own vermicomposting units and become future entrepreneurs.
- Students become aware about ecological and biodiversity sensitivity.
- Exhibitions of clay pots with plants organized at various occasion and variouslocations proved helpful to enhance marketing skills of the students.
- Observing our green practices, recently Samagr Unnayan Foundation arranged threedays visit for our students to Harike Wetland, one of Ramasar sites in India.

Through these initiatives, we strive to create Eco-sustainable green campus