Sustainable Development Goals

Impact Report 2022

Bhagat Phool Singh Mahila Vishwavidyalaya





Respectful Tribute



Bhagat Phool Singh

Born on February 24, 1885 at Mahra Village in Sonepat District, Bhagat Phool Singh was a visionary noble soul. His firm belief in empowerment and emancipation of women through education led Bhagat Phool Singh to establish a Gurukul for girls at Khanpur Kalan in 1936. The anti-social elements did not appreciate the idea of women's education and consequently Bhagat Phool Singh attained martyrdom on August 14, 1942.



Padamshri Subhashini

Subhashini was the prodigious daughter of Bhagat Phool Singh who after his martyrdom, carried forward his legacy and philosophy to empower women with education. She established various present-day constituent Institutes of Bhagat Phool Singh Mahila Vishwavidyalaya through philanthropic means. In recognition of her selfless serives to women education, the Government of India conferred the prestigious Padamshri on her in 1976.



To make a profound difference in the lives of women by empowering them to attain their full potential through pursuit of knowledge, acquisition of skills, development of character and self-esteem, and recognition of their rights and responsibilities

MISSION

To make available for women particularly the rural women, quality education ensuring affordability, easy access and relevance through learner centric, action oriented approach that shall facilitate building of competitive skills and enforcement of human values in the society as whole.

QUALITY STATEMENT

Establish and sustain such teaching, research and extension programs and activities that contribute towards a wholesome development of socially responsible women who are self assured and competent in diverse domains of knowledge.

CORE VALUES

Value Education Enunciated by the *Vedic Gurukul Parampara* Academic Integrity and Accountability Relevance, Innovation and Excellence Social Commitment and Inclusiveness Ecological Sustainability Transparency and Governance Empathy and Responsiveness This report encapsulates the activities and achievements of Bhagat Phool Singh Mahila Vishwavidyalaya towards realizing each of the 17 United Nations Sustainable Development Goals (SDGs) till date and envisions the march of the university along the path to sustainable development with an objective to expand the range of SDGs even to the remote stakeholders.

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SUSTAINABLE DEVELOPMENT GOALS: AN INTRODUCTION

The Sustainable Development Goals (SDGs) of the United Nations are a revolutionary global development initiative which includes a schedule that has environmental, social and economic factors. The 17 goals for 2015 cover a wide range of objectives, including the eradication of poverty, removing gender disparity, rising to the challenges of climate change, and further leveraging sustainable economic development. The targets are applicable to all United Nations members accompanied by a series of targets and metrics, which establish the building blocks for significant transformation. The SDGs serve as a global agenda and are the United Nations 2030's foundation Sustainable Development Goals, a component of the Decade of Action 2020–2030.

Universities serve as significant sites for both education and research, which is essential for advancing the SDGs. Bhagat Phool Singh Mahila Vishwavidyalaya is more than an ordinary university as it incorporates not only the mores of its founding father Bhagat Phool Singh – a saintly social reformer but also represents all the virtues, values and cultural practices that Indian women stand for. As such, it has been practicing the SDGs ever since its inception i.e. 103 years; way before they were launched at the global level in 2015. Over the years, it has integrated the SDGs formally into its learning and teaching, research, governance, and operational processes as a framework for sustainability with an aim to prepare the upcoming generation of human resource for the global workforce by teaching and developing the knowledge and abilities necessary to implement the SDGs. Many of the practices we conduct have direct bearing on the SDGs enhancing local and global sustainable development. Sustainability defines the core activities and practices imbibed by all the stakeholders.

The present Impact Report on SDGs offers a bird's eye-view of the diligent and relentless efforts made by the university to the SDGs. It further serves to showcase instances of creative work done by our researchers, professionals, and students towards attaining the SDGs globally, thereby serving the mankind in meaningful and sustainable ways along the ancient Indian concept of *Vasudhaiva Kutumbakam*.

The Vice Chancellor Speaks...



It's a matter of great pleasure that Bhagat Phool Singh Mahila Vishwavidyalaya (BPSMV) – a university ever committed towards sustainable development – is going to publish its first impact report on the UN Sustainable Development Goals. Owing to its genesis in the ancient *gurukul* system of imparting knowledge, the university has inherited the sensitivity towards an inclusive model for development from its founding father Bhagat Phool Singh and his luminous daughter Padamshri Subhashini. As such, it has ever been striving towards the attainment of the UNSDGs. As an institution exclusively for women, we believe that Indian women in general and rural women in particular need to be recognised as unparalleled knowledge and energy resource who have been practicing sustainable development for centuries without any formal training. We are also sensitive to our social obligation towards the larger community beyond those girls who are admitted in its programme and therefore our University continuously seeks to set up programmes, activities, centres that have direct relevance for the rural women as a whole. I congratulate the entire team for their dedicated efforts and am sure that BPSMV shall ever

continue to march towards the attainment of UNSDGs not only on the university campus but outside the four walls of the university in the larger interest of humanity.

(Sudesh)

The Convener Conveys

We are facing several challenges including socio-economic and environmental issues such as global warming and climate change, deterioration of environmental quality, poverty and hunger, exhaustion of natural resources, and loss of species, etc. Therefore, the United Nations has proposed critical guiding principles i.e. Sustainable Development Goals (SDGs) to address these challenges and HEIs can play an important role in achieving these goals.

The HEIs can incorporate SDGs into their course curriculum, campus operation, innovation and incubation of new ideas and promotion of startups that accommodate to one or a combination of more goals under the SDGs. The various activities like sustainable life style, green campus initiatives and frequent plantation drive, car free campus, promoting the use of battery driven vehicles and use of bicycles are some of the practices at HEIs have important role in achieving SDGs. Moreover, HEIs act as mentor for villages, schools, colleges, NGOs, startups and aware the community about climate change and other environmental issues along with green entrepreneurship.

Realizing the need of the hour, we, at BPSMV, are continuously making humble efforts to contribute significantly towards achieving the Goals and shall ever do the same.

(Bhupinder Singh)



NO POVERTY

end poverty in all its forms everywhere

WHAT WE PRACTICE:

- Charity Fund for poor students(up to Rs. 10000/- per student)
- Voluntary contributory payment of fee, distributing books, stationery, clothes, etc. to the deprived children
- Self Help Groups to help the economically weaker students so that there should be no student drop out from the studies due to paucity of funds
- **LF** Scholarship for meritorious students
- Implementation of various Govt. scholarship schemes
- Stipend for OMCA students during internship
- **Earn While You Learn Scheme for students (upto Rs. 9000/- per student)**
- University Research Scholarship (Rs. 15000/- per month)
- Expert Lectures on self employment and assistance in obtaining loan through banks

- Framing a policy on Fee concession for poor and needy students
- Creating a Book Bank for catering to the needs of those students who cannot afford to buy books
- Tapping the CSR fund as a Channel partner to support education of the poor
- Conducting workshops and awareness programmes regarding govt. schemes on poverty eradication in the nearby rural areas
- Organizing the entrepreneurship awareness camps in the university and surrounding areas





ZERO HUNGER

ZERO Hunger

End hunger, achieve food security and improved nutrition and promote sustainable agriculture

WHAT WE PRACTICE:

- Implementation of Food Safety and Security Act
- Establishment of Front Line Demonstration Centre as a part of Indo-Israel Project to promote sustainable agriculture in the vicinity
- **4** Stringent mechanism to ensure balanced, nutritious diet in hostels
- Conducting and promoting Research on sensory and nutritional evaluation of value added products such as Kondhra, Bathua, etc.
- Nutrition awareness activities to sensitize the students and the community about various herbs and non conventional nutritionally rich plant based ingredients.
- Celebrating nutritional week/month

- **Wolls with UNFAO and NIFTEM, Sonipat**
- **4** Roti Bank for the poor and destitute in collaboration with NGOs
- Adopting the practice of zero wastage of food in the hostels of the university and further extending it beyond university campus
- Establishing a laboratory to assess the nutrient contents of food
- Conduct awareness programmes on organic food and sustainable agriculture in the nearby villages





GOOD HEALTH AND WELL-BEING

Ensure healthy lives and promote wellbeing for all at all ages

WHAT WE PRACTICE:

- Ensuring good health and well being through ancient, time-tested Indian system of medicine and by blending Yoga with Yajnafor holistic well being
- Promoting the use of indigenous herbs by supporting a Herbal garden on Campus
- Conducting medical check-up and awareness camps on campus and in the surrounding community
- Certificate, Diploma and Degree programmes in Yoga, Physical Education and Sports
- Modern Sports Facilities such as State of the art Gymnasium, Indoor Stadium, etc.

- **Extending the practice of Yoga and Yajna for all stakeholders**
- **Strengthening the infrastructure for holistic well being of the students**
- **4** Introducing research programmes in the discipline.







QUALITY EDUCATION

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

WHAT WE PRACTICE:

- **Quality Education for Girls from K.G.to-Ph.D. Model since inception**
- **4** Juxtaposition of tradition and modernity in teaching-learning process
- Value Education based on Ancient Indic Knowledge Systems
- Integration of Indigenous Knowledge into the curriculum
- Course on Inclusive Education from D.Ed. to Ph.D. to spread awareness among the learners on the subject
- Research on inclusive education
- Focus on Holistic Education to meet the challenges of the society
- Implementation of Choice-Based Credit System at UG and PG levels
- Emphasis on Multi-disciplinarity and Inter-disciplinarity

- Amplifying Bloom's Taxonomy to further promote and enhance creative, critical and analytical abilities among the learners
- Strengthening the Existing Disciplines of Languages, Humanities, Life Sciences through research collaborations and MoUs
- Implementing LOCF education
- **Promoting the use of IT-enabled infrastructure into teaching pedagogy**
- Fostering quality research alongside quality education



GENDER EQUALITY



Achieve gender equality and empower all women and girls

WHAT WE PRACTICE:

- **Women Empowerment and Emancipation through Education**
- Promoting research on gender studies through Departments and the Women Studies Centre
- Self Help Groups to help rural women in attaining Economic independence through Microfinance practices
- University Cell against Sexual Harassment to sensitize and empower students
- Gender Champions to spread awareness on gender issues within and outside the university campus through expert talks, extension lectures, seminars and training programmes
- Establishing Saarthi a training school for women to drive two-Wheelers under an MoU with Hero MotoCorp
- Conducting Mission Saahasi a self defense training programmeme for helping the girl students realize their full potential
- Celebration of International Women's Day, Girl Child Day, Mother's Day, International Day for Elimination of Violence against Women, etc.

- Signing MOUs with UNWOMEN and other organisations working on the gender development
- Nurturing greater partnership among funders, academics and practitioners to create an environment of dialogue between university and community.
- **Achieving Gender Parity through Gender Neutrality**





CLEAN WATER AND SANITATION



Ensure availability and sustainable management of water and sanitation for all

WHAT WE PRACTICE:

- **4** Partner Institution for the Jal Jeevan Mission, Govt. of India
- 11 functional rainwater harvesting systems on the campus for replenishing the groundwater level.
- Major Research Project on assessing the groundwater quality of the surrounding areas
- **Sewage Treatment Plant of capacity 3MLD for waste water treatment**
- **Urip Irrigation System for horticultural maintenance of the campus**
- Daily disposal of garbage at the earmarked dumping site through outsourcing agency.
- Regular Awareness Campaigns such as Jal hi Jeevan and Swaccha hi Sewa

- Research Centre for sustaining aquatic ecosystems in the vicinity of the campus
- **FG** and research programmes in the field of sustainable environment
- **Water Quality Monitoring Laboratory on the campus**
- **4** To collect and use the treated waste water for horticultural beautification
- To use the water drained from air conditioners for maintaining plants and lawns on the campus
- To strengthen the existing rainwater harvesting systems by extending its numbers.





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AFFORDABLE AND CLEAN ENERGY



Ensure access to affordable, reliable, sustainable and modern energy for all

WHAT WE PRACTICE:

- **4** Conducting research on Solar energy
- **Grid-connected solar power plant of capacity one MW.**
- Crossing the benchmark of 50% of power consumption on campus through Renewable sources as per the mandate of the Paris Agreement
- Regular Energy Audit to improve the energy efficiency
- Using star rated equipments and energy efficient LED bulbs/tubes
- Certificate and Diploma programmes on Integrated Energy Resource Management
- Battery-driven vehicles for ferrying the students and staff within the campus
- **Solar water heater systems**
- Awareness activities on energy conservation

- Strengthening research in the field of renewable energy resources in collaboration with SECI, HAREDA, TERI and BEE
- Attaining the goal of all 5-star energy efficient electrical equipments i.e. fans, air conditioners, refrigerators, etc.
- Installing sensor-based electric system on campus
- Bio-gas plant on campus for proper utilization of organic waste
- **4** PG and research programmes in the field of sustainable environment









DECENT WORK AND ECONOMIC GROWTH

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

WHAT WE PRACTICE:

- An important stakeholder for rural transformation and rural economic growth by enhancing the employability of students
- **4** Organizing various entrepreneurship development programmes
- SHGs for training on beauty parlours and other self-employment activities in collaboration with Punjab National Bank Rural Self Employment Training Institute, Sonipat
- Community Resource Centres in five villages to sensitize and inform the rural people about the Government schemes, services, programmes for integrated rural development
- **Collaboration with NABARD for conducting seminars/conferences**
- MoU with National Cooperative Union of India, New Delhi to train the students of Cooperative Management for better avenues of employment

- Technological upgradation and innovations the field of sustainable growth
- Strengthening research in the field of sustainable economic growth in collaboration with national and international institutes
- To implement the "हुनर के बदले रोज़गार योजना" sponsored by NCHMCT for the upliftment of rural and backward women





9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

INDUSTRY, INNOVATION AND INFRASTRUCTURE



Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

WHAT WE PRACTICE:

- Affordable world-class facilities of educational infrastructure in rural heartland.
- Training of students to meet the demands of the industrial sector to promote sustainable industrialization
- **Urganizing talks and training sessions by experts from industry.**
- Induction of experts from industry in the UGBoS and PGBoS of the Departments
- **4** Enhancing scientific research for industrial development
- Good research work in the area of entrepreneurship, industrial development and innovations and technology
- Uninterrupted power supply to ensure smooth functioning of communication and information technologies
- A well-functioning internet facility and access to e-learning resources through institutional Log in IDs
- Innovative add-on courses on sustainable development under Centre for Society University Interface and Research

- **4** To become the partner institution of SATHI scheme of DST, Govt. of India
- **4** To appoint Professors of Practice to foster innovation in the institution







REDUCED INEQUALITIES

Reduce inequality within and among countries

WHAT WE PRACTICE:

- MoUs with St. Catherine University, USA and Durban Technical University for academic exchange
- Celebration of Cultural and Religious diversity to inculcate a sense of unity in diversity
- **Cater to the academic and research interests of students from 13 states**
- **4** Run for Unity to foster a sense of patriotism and unity among the citizens
- Conducting sensitization campaigns on equality of gender, class and caste
- Observing all important national days on the campus to familiarize the youth towards the significance of our social and religious fabric
- Reservation to the underprivileged and marginalised sections including the PwDs and making special provisions for them.
- **Urganizing Youth Festival for celebrating the cultural ethos**

- To establish community based radio station on campus managed by the students
- To develop the Regional Centres as Satellite Campus for enhanced connectivity







SUSTAINABLE CITIES AND COMMUNITIES

Make cities and human settlements inclusive, safe, resilient and sustainable

WHAT WE PRACTICE:

- Lush green campus spread over 462 acres
- Plantation over more than 100 acres consisting 44000 trees
- **Watural habitat to biodiversity consisting of birds, butterflies, rodents etc.**
- Round the clock safety of students and staff through cameras and Security Staff
- **Composting of horticulture and other organic waste**
- **4** Ban on single use plastic and Polyethylene
- **Implementation of Solid Waste Management Rules in letter and spirit**
- Establishing 'Dhara' Eco Club to sensitise the students and staff towards sustainability by celebrating various environment days
- Functional Eco Affairs Cell
- Special provisions for students from Khanpur Kalan and Bhainswal Kalan by earmarking seats for them in various academic programmes

- To achieve the goal of Zero Waste Campus by employing low cost, innovative and scientific techniques
- **4** To establish Resource Recovery Centre for better waste management
- **4** To develop Integrated solid waste management system
- To establish Handmade Paper Centre
- To add to the fleet of battery operated vehicles for transportation at campus
- **4** To establish a cycling club to reduce the vehicular emission at campus
- To construct green buildings









RESPONSIBLE PRODUCTION AND CONSUMPTION



Ensure sustainable consumption and production patterns

WHAT WE PRACTICE:

- **4** The university has Solar Power Plant of 1 MW capacity
- **4** Solar water heating systems are installed at guest house and hostels
- **Leven Rainwater harvesting systems functional at campus**
- **4** Burning of any kind of waste is strictly prohibited
- Well maintained parks and green area gives scenic appearance to campus
- Adopted Environmental Policy which emphasize the principal of 3Rs i.e. reduce, reuse and recycle
- Promoting sensitization for 3 Rs through activities such as best out of waste competition.
- **Valid MoU for proper management of Bio-medical waste**

- Installing more rain water harvesting system
- 4 To install solar water pump at campus for watering the plants
- **4** To implement sprinkler and drip irrigation system
- To become future channel partner for e-waste management programme of various bodies
- Promoting paperless office management system





CLIMATE ACTION

Take urgent action to combat climate change and its impacts

WHAT WE PRACTICE:

- Imparting compulsory environmental education from primary to graduation level at university campus
- Offer course on environmental pollution and solid waste management under CBCS scheme
- Achieved the target of meeting more than half the energy needs of the university through installing 1 MW Solar Power Plant
- Implemented Environmental Policy wherein environmental issues including climate change are taken care off.
- **4** More than 100 acres of campus land under dense plantation cover.
- Energy, environment and green audit carried out regularly.
- Awareness activities through expert lectures

- **4** To create Climate action task force
- Conducting workshops, conferences and awareness activities
- 4 To implement sprinkler and drip irrigation system





LIFE BELOW WATER

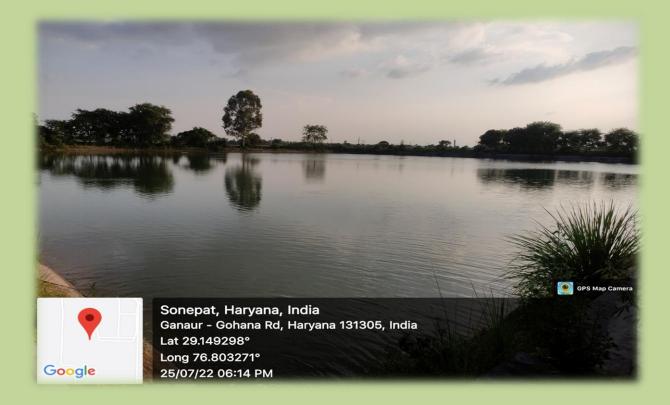
Conserve and sustainably use the oceans, seas and marine resources for sustainable development

WHAT WE PRACTICE:

- Established department of Geography wherein a complete paper is offered on Ocean resources
- Zoology department do research and literate about Fish and fisheries
- Launching cleanliness drives of water bodies to make the students aware of the rich bio-diversity and its significance for our existence
- Conducting lectures on importance of marine resources

- **4** To establish research centre on Oceanography
- **4** To develop an Aquarium for education purpose
- To plant study tour to visit in coastal area of the country
- 4 To conduct conferences and workshops on marine resources
- Planning to visit nearby fish farms







LIFE ON LAND

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

WHAT WE PRACTICE:

- **4** The abundant floral biodiversity is maintained at university campus
- **Herbal garden is developed to preserve the lots of native herbs**
- Developed 100 acres of forest cover provide habitat to lots of birds, butterflies and other wildlife e.g. fox etc.
- Awareness activities are conducted to inculcate the environmental consciousness and conservation of flora and fauna at campus
- **Water feeders are installed for birds at campus**
- More than 5000 plants are grown by landscaping around the constructed area
- **Bar Coding of Trees on campus**

- Plant to develop a lake at low-lying area of campus to promote aquatic biodiversity
- Activities will be plan to adopt sustainable life style by all the stakeholders at campus
- To establish department of Botany and Zoology to strengthen the research in the field of identification of native biodiversity
- To conduct training programmes, workshops and conferences in the field of biodiversity
- **4** To establish a centre on research on restoration of waste land





B PEACE, JUSTICE AND STRONG INSTITUTIONS

PEACE, JUSTICE AND STRONG INSTITUTION

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

WHAT WE PRACTICE:

- **Imparting value education from KG to PG level**
- Inculcating the concept of duty and right, human rights and rule of law among the various disciplines of studies
- Legal Aid Clinic for all stakeholders
- Internal complaint committees, SC Cell, Legal Cell, IT Cell, Workplace Harassment Committee, PWD Committee, Women Studies Centre, Executive and Academic Council, Various Faculties are constituted
- Regularly organizes activities, workshops, training programmes on legal aids, 'Bandhua Mukti Morcha' etc.

- Counseling of rural women in surrounding areas for their rights and freedom
- **4** To eliminate abuse, exploitation, and all forms of violence from the society
- Cooperation with various national and international institution for building capacity at all levels
- Organizing activities to aware the all sections of the society about govt. schemes on legal aids especially deprived section.
- Promoting the rules of law at the national and international levels and ensure equal access to justice for all
- Conduct awareness programmes to reduce corruption and bribery in all the informs from society
- Helps in developing institution which are effective, accountable and transparent at all levels
- Ensure approachable, comprehensive, participatory and representative decision-making at all levels
- Ensure public access to information and protect fundamental freedoms in accordance with national legislation and international agreements
- Training programmes to aware the masses about 'Effective use right to information act'





PARTNERSHIPS FOR THE GOALS



Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development

WHAT WE PRACTICE:

- Financial grants received from agencies like UGC,DST, ICSSR for research projects have been received
- Received grant from World Bank for AIDS awareness programme
- BPSMV signed an MoU with UNDP

- **MoUs with UNESCO**
- Collaborations with National and International Institutions of Repute, NGOs etc.
- Planning to strengthen the collaboration with HEIs of repute to enhance research activities
- Collaboration with industrial sector to generate skilled man power
- **\$** Strengthen the Basic science departments







कुल गीत

भगत फूल सिंह महिला विश्वविद्यालय गौरव की पहचान गाँव खानपुर सोनीपत में हरियाणा की है यह शान विश्वविद्यालय वंदन तुमको, वंदन शत अभिवंदन उत्तर भारत का हरियाणा गीता का जहाँ ज्ञान दूध-दही की बहती धारा पर - पीडा का ध्यान भगत फूल सिंह ऐसा हुआ, जिसने किया नारी उत्थान अपने जीवन की दी कुर्बानी, किया कार्य महान सन् 36 में बना गुरुकुल सुभाषिणी ने सम्भाली कमान वत्सल भाव से किया था पोषण, पद्यश्री का मिला सम्मान 2006 में हुआ निर्मित महिला विश्वविद्यालय महान यहां खुला नारी शिक्षा का एक नया आयाम कठिन रास्तों पर चलने का इसको मिला ऐसा वरदान बना रहा सारी दुनिया में यह अपनी नई पहचान सपनों को साकार किया, भरी नई उड़ान साक्षर और सक्षम होकर छू लिया है आसमान विश्वविद्यालय वंदन तुमको – वंदन शत अभिनंदन

SUSTAINABLE DEVELOPMENT GOALS

Impact Report

2022

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Sustainable Development Goals

Impact Report

2022

We have made all realistic exercise to make sure that the details in this report was accurate as of September 2022, but we would like to affirm that the information is dynamic and keeps on varying with time. For the latest and most up-to-date information, please visit our website at: <u>http://bpsmv.ac.in</u>

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