SWAMI VIVEKANAND SUBHARTI UNIVERSITY

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Where Education is a Passion...

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SUSTAINABLE DEVELOPMENT GOALS

Annual Report 2025



12 RESPONSIBLE CONSUMPTION AND PRODUCTION

Sustainable Development Goals

Responsible Consumption and Production

Reduce • Reuse • Recycle • Rethink

Swami Vivekanand Subharti University, Meerut

(Established under U.P. Govt. Act no. 29 of 2008 and approved under section 2(f) of UGC Act 1956)

Report on

UNSDG-12

Responsible Consumption and Production

INTRODUCTION

Sustainable development is a balance between the economy, society and environment. The use of natural resources, rising amount of waste, environmental pressures in production and consumption have become issues for all parts of society to take responsibility for and practice responsibly and sustainably. HEIs have a significant responsibility in contributing to the solution of these challenges in terms of research, innovation, institutional policies, use of resources and environmental awareness of students, professors, employees and other stakeholders. One of the 17 Sustainable Development Goals set by the United Nations under the 2030 Agenda for UN Sustainable Development is the Goal 12: Responsible Consumption and Production. Swami Vivekanand Subharti University Meerut, Uttar Pradesh, India, acknowledges the need for responsible consumption and production and its relationship with sustainable development in higher education. The University's research and innovation efforts, scholarly publications, patents and copyrights, research projects, consultancy services, sustainable procurement practices, conservation of resources, waste management, recycling and activities raising environmental awareness are all connected to UNSDG 12. The initiatives reflect the variety of different methods of integrating sustainability into the University's teaching, research, administration and campus life. The University has developed institutional policies and procedures to assist in sustainable procurement, responsible use of resources and waste management. The University has published *Sustainability Measures Implemented at Swami Vivekanand Subharti University*, in 2025 and available on its official website: Sustainability Measures – Swami Vivekanand Subharti University. This document provides an overview of campus sustainability initiatives, including energy conservation, waste management, water conservation, recycling, and other environmentally responsible practices. The present report on UNSDG-12: Responsible Consumption and Production, is a comprehensive report on the information and documentary evidence available to the University regarding UNSDG 12 for the reporting period 2024-25.



Figure 1: Process of Responcible Consumption and Production

12.1 Research on responsible consumption and production

Swami Vivekanand Subharti University promotes research, innovation, and IPRs through scholarly publications, patents, copyrights, funded research projects, and consultancy activities. Table 1 summarises the University's reported research, innovation, intellectual property, and consultancy activities.

Table 1 Research, Innovation and IPRs Releted to UNSDG 12

Sl.No.	Category of Research, Innovation and IPRs	Number
1	Research Publication	56
2.	Patents	89
3.	Copyrights	06
4.	Projects	11
5.	Consultences	03

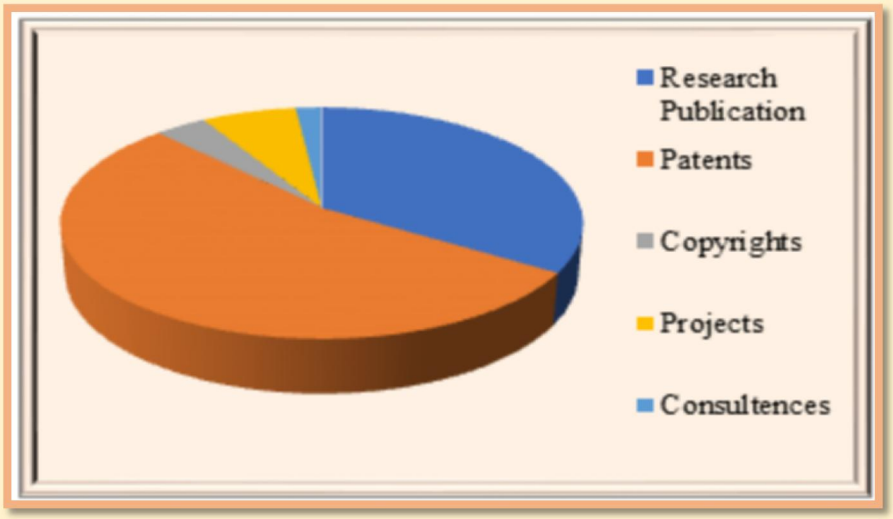


Figure 2: Distribution of Research Publications and Intellectual Property Rights (IPRs)

12.1.1 Responsible Consumption and Production: CiteScore

Swami Vivekanand Subharti University promotes research and scholarly contributions addressing themes relevant to UN Sustainable Development Goal 12. These include sustainable production, circular economy, reverse logistics, waste management, recycling, sustainable agriculture, resource efficiency, environmental protection, and responsible use of materials. Table 2 presents a compilation of research publications in descending order of journal CiteScore.

Table 2 Research Publications Relevant to UNSDG 12 Ranked by Journal CiteScore

S. No.	Title	Authors	Source, Year	Citescore
1	A Reverse Logistics Model With Eco-Design Under The Stackelberg-Nash Equilibrium And Centralized Framework	Saxena N.; Sarkar B.; Wee H.-M.; Reong S.; Singh S.R.; Hsiao Y.L.	Journal of Cleaner Production, 2023	21.3
2	Selection Of Remanufacturing/ Production Cycles With An Alternative Market: A Perspective On Waste Management	Saxena N.; Sarkar B.; Singh S.R.	Journal of Cleaner Production, 2020	21.3
3	Ultraviolet Protection Of Textiles With Herbal Dyes: A Contemporary Review	Kamboj A.; Medha K.; Gupta V.; Jose S.	Sustainable Chemistry And Pharmacy, 2024	11.6
4	Investigation On Protective Effect Of Terminalia Bellirica (Roxb.) Against Drugs Induced Cardiotoxicity In Wistar Albino Rats	Chaudhary R.; Singh R.; Verma R.; Kumar P.; Kumar N.; Singh L.; Kumar S S.	Journal of Ethnopharmacology, 2020	11.2
5	Relative Multi-Beneficial Effect Of Mos On Plant Health Of Chickpea (Cicer Arietinum L. Var. PG-186)	Tomer S.; Khati P.; Suyal D.C.; Perveen K.; Khan F.; Barasarathi J.	Frontiers In Microbiology, 2024	9.9
6	Cause-Related Marketing And Start-Ups: Moderating Role Of Cause Involvement	Aggarwal V.; Singh V.K.	Journal Of Global Responsibility, 2019	8.4
7	Sustainable Production Model With Stochastic Machine Breakdown Using Smart Manufacturing Under Circular Economy	Saxena N.; Kumar J.; Sana S.S.	Green Finance, 2023	8.3
8	Symbiotic Relationships Between Arbuscular Mycorrhizal Fungi And Essential Oil-Producing Herbs: A Review Of Recent Advances	Sinha A.; Kumar S.	Journal Of Basic Microbiology, 2026	7.3
9	Design And Evaluation Of Passive Optical Networks For Smart Food Processing Systems	Kumar K.; Kumar V.; Prince; Yadav A.; Sharma V.	Journal Of Optical Communications, 2025	6.3
10	Integrated Machine Learning And Life-Cycle Optimization Framework For Sustainable Ultra-High Performance Concrete Mix Design	Gautam A.; Sangeeta V.; Padhy J.; Pooja; Rao A.G.	Asian Journal Of Civil Engineering, 2026	5.9
11	Cellulase Enzymes For Sustainable Sugarcane Waste Management: A Comprehensive Review	Sinha A.; Kumar S.; Kumar A.	3 Biotech, 2026	5.7

12	Boosting Economic And Environmental Efficiency In Green Supply Chains Through Carbon Tax And Market-Driven Approaches And Payment Strategies	Verma S.K.; Singhwal P.; Malik A.K.; Kumar P.; Hashmi S.	Process Integration And Optimization For Sustainability, 2026	5.5
13	Biosorption Of Zinc Ions (Zn2+) By Dead Aspergillus Flavus Link Mycomass: Isotherm, Kinetics, And Thermodynamic Studies	Kumar A.; Singh R.; Tyagi A.; Kumar P.; Kumar P.	Studies In Fungi, 2025	3.6
14	Random Misplacement And Production Process Reliability: A Sustainable Industrial Approach To Deal With The Discrepancy And Deficiency	Saxena N.; Sarkar B.	Journal Of Industrial And Management Optimization, 2023	3.4
15	Role Of Nanocrystal And Nanodots In Food Preservation: A Prospective For Food Industry	Kumar D.; Sharma P.K.	Food And Humanity, 2026	3.3
16	Enhancing Agronomic Crop Performance: A Review Of The Role Of Nano-Diammonium Phosphate (Nano-DAP) In Improving Soil Nutrient Status And Crop Productivity	Karn N.; Kumar A.; Ikram M.; Sachan S.; Singh J.; Kumar S.; Shubham; Abdelrahman M.A.E.	Sains Tanah, 2025	2.3
17	Quality Assessment Of Groundwater At Laksar Block, Haridwar In Uttarakhand, India Using Water Quality Index: A Case Study	Bhutiani R.; Ahamad F.; Ram K.	Journal Of Applied And Natural Science, 2021	1.5
18	Bio-Medical Waste Managment In A Tertiary Care Hospital: An Overview	Pandey A.; Ahuja S.; Madan M.; Asthana A.K.	Journal Of Clinical And Diagnostic Research, 2016	1.2
19	Nano-Biopesticide: A Novel And Sustainable Approach Towards Pest And Disease Management	Singh J.; Kumar A.; Das N.; Yadav K.K.; Kumar R.; Shubham; Sachan S.; Gupta S.; Kumar S.; Bhattacharya S.; Nath P.; Kokale S.	Plant Science Today, 2026	0.9
20	Ethanobotanical Study Of Subhartipuram, Meerut, Uttar Pradesh, India. II. Diversity And Pharmacological Significance Of Shrubs And Climbers	Singh R.A.J.; Upadhyay S.K.; Rani A.; Kumar P.; Kumar A.	International Journal Of Pharmaceutical Research, 2020	0.8
21	The Role Of Education In Endorsing Environmental Consciousness Among The Youth: A Ground-Level Study	Khanam R.; Sikhola M.; Chauhan N.; Singh P.; Iqbal A.;	Environment Conservation Journal, 2026	0.7

		Lalmalsawmtluanga; Lalmalsawmtluangi C.		
22	Synthesis Of Microbial Nano-Hydroxyapatite (Nhap) And Evaluation Of Impact On Growth Parameters Of Onion (Allium Cepa L.) Var. Agrifound Light Red	Dwivedi A.K.; Kumar S.; Kumar A.	Environment Conservation Journal, 2026	0.7
23	Decarbonizing Concrete: A Comprehensive Review Of Fly Ash And Silica Fume For Low-Carbon, Durable, And Sustainable Cementitious Systems	Sharma R.; Singh M.; Ruhela M.; Bhutiani R.	Environment Conservation Journal, 2026	0.7
24	Analyzing The Impact Of Globalization On Soil Fertility And Nutrient Cycling: A Review	Kumar S.; Kumar A.; Yadav A.; Singh A.K.	Environment Conservation Journal, 2026	0.7
25	Identification Of Aspect Impact Of Construction Site: A Case Study	Ruhela M.; Dixit V.; Ahamad F.	Springer Proceedings In Earth And Environmental Sciences, 2022	0.5
26	Practices Regarding Biomedical Waste Management Among Health Care Workers Of Tertiary Care Hospitals Of Meerut, U.P.	Ranjan R.; Parashar P.; Chaudhary V.; Shukla A.	Indian Journal Of Public Health Research And Development, 2018	0.1
27	Design Intervention And Branding: Positioning Bagh Printing As Lifestyle Statements For Gen-Z	Srivastava N.; Singh N.	Shodhkosh: Journal Of Visual And Performing Arts, 2025	0.0
28	Data-Driven Insights Into CSR Influence On Ethical AI Development: A Quantitative Approach	Bose I.; Srivastava A.; Sharma V.; Tripathi S.; Singh Y.	Corporate Social Responsibility Approaches To Ethical AI In Business, 2024	Book Chapter - NA
29	The Development Of Sustainable Products Through Creative Up-Cycling Of Fabric Waste From Boutiques And Tailor Shops	Singh N.; Pooja; Dhama A.	Research On Engineering Applications In Multidisciplinary Sectors (Part 2), 2025	Book Chapter - NA
30	A Green Inventory Model For Decaying Products Under The Impact Of Carbon Emissions With Two Different Demands	Bhardwaj V.; Kumar S.; Tyagi V.K.; Kumar J.	Research On Engineering Applications In Multidisciplinary Sectors (Part 1), 2025	Book Chapter - NA
31	Promotion Of Satvik Cuisine Among Food Freak Customers In Braj Region, India	Sharma V.; Srivastav D.K.; Jain G.	Examining Tourist Behaviors And Community Involvement In Destination Rejuvenation, 2024	Book Chapter - NA

32	Integration Of Waste To-Energy Solutions In Tourist Facilities In Hospitality	Sharma V.	Application Of Waste-To-Energy Innovations In Tourism, 2024	Book Chapter - NA
33	Exploring Critical Success Factors (CSF) For Environmental Social And Governance (ESG) Implementation In Banking And Financial Institutions: A TISM Approach	Tyagi P.; Rana S.; Grover V.; Kaushik R.; Kumar M.; Bhardwaj P.; Tyagi K.	Environmental, Social, And Governance (ESG) Investing For Sustainable Finance, 2026	Book Chapter - NA
34	Impact Of Global Sustainable Practices On Gastronomic Tourism: Policies, Initiatives, And Consumer Perceptions	Sharma V.; Mishra R.R.; Poddar N.	Global Sustainable Practices In Gastronomic Tourism, 2024	Book Chapter - NA
35	Predatory Insects Management For Sustainable Agriculture	Bisht N.; Garg A.P.	Insects As Humans' Frenemies: From Friends To Foes, 2025	Book Chapter - NA
36	International Human Rights Perspectives On Birthright Citizenship And Prenatal Tourism	Sharma V.; Seth K.; Choudhury S.R.; Prakash A.	Exploration Of Prenatal Tourism And Birthright Citizenship, 2024	Book Chapter - NA
37	Tourist Perception And Acceptance Of Waste-To-Energy Innovations	Prakash A.; Sharma V.	Application Of Waste-To-Energy Innovations In Tourism, 2024	Book Chapter - NA
38	Addressing Global Health Goals With AI-Enhanced Medical Tourism	Hassan V.; Sharma V.	Addressing Global Health Goals With AI-Enhanced Medical Tourism, 2025	Book Chapter - NA
39	Role of AI In Mitigating The Water Crisis	Saxena C.	The Handbook Of AI For Clean Water: Innovations In Treatment And Monitoring, 2025	Book Chapter - NA
40	The Impact Of An Aggressive Environment On The Durability Of Geo-Polymer Concrete: A Review	Tiwari A.; Selvam J.	Research On Engineering Applications In Multidisciplinary Sectors (Part 1), 2025	Book Chapter - NA
41	Genetic Innovations In Wheat For Sustainable Agriculture And Global Food Security	Ahmed S.; Kumar J.; Dayal S.; Singh P.; Kumar R.; Sharma P.K.; Roy J.	Next Generation Crop Improvement For Agricultural Sustainability And Food Security, 2026	Book Chapter - NA
42	Global Impact Of Carbon Emissions And Strategies For Its Management	Garg A.P.; Chaudhary M.; Garg C.	Quality Of Life And Climate Change: Impacts, Sustainable Adaptation, And Social-Ecological Resilience, 2024	Book Chapter - NA

43	Transforming Circular Economy Through Industry 5.0: A Deep Dive Into Sustainable Innovations	Rathi G.; Kathuria S.	Sustainable Economy Models In The Age Of Industry 5.0, 2025	Book Chapter - NA
44	Pioneering Zero Waste Technologies Within The Framework Of Sustainable Progress	Garg A.P.; Chaudhary M.	AI Technologies For Enhancing Recycling Processes, 2025	Book Chapter - NA
45	Potential Of Cassia Fistula Pod-Based Absorbent In Remediating Water Pollutants: An Analytical Study	Bhutiani R.; Tiwari R.C.; Chauhan P.; Ahamad F.; Sharma V.B.; Tyagi I.; Singh P.	Sustainable Materials For Sensing And Remediation Of Noxious Pollutants, 2022	Book Chapter - NA
46	Birth Health Tourism's Ascent: International Maternity Care In An Internationalized World	Gupta N.; Sharma V.	The Evolution And Future Trajectory Of Birth Health Tourism, 2026	Book Chapter - NA
47	Nano-Biochar In Sustainable Agriculture: Applications, Benefits, And Future Perspectives	Singh O.; Singh S.; Shahi U.P.; Singh V.; Singh K.K.; Singh S.; Derdzyan T.; Sousa J.R.	Nanotechnology Applications In Soil Science: From Remediation To Precision Agriculture, 2026	Book Chapter - NA
48	Introduction To Biochar: Composition, Production, And Applications	Singh O.; Shahi U.P.; Singh V.; Singh S.; Derdzyan T.	Nanotechnology Applications In Soil Science: From Remediation To Precision Agriculture, 2026	Book Chapter - NA
49	Environmental Sustainability And Cost Efficiency Of Bottom Ash Granulated: A Life Cycle Assessment And Cost Analysis	Singh M.; Nusari M.S.	Research On Engineering Applications In Multidisciplinary Sectors (Part 2), 2025	Book Chapter - NA
50	Biotechnological Tools For Enhancing Abiotic Stress Tolerance In Plant	Kumar A.; Sengar R.S.; Singh A.; Dixit R.; Singh R.	Eco-Friendly Agro-Biological Techniques For Enhancing Crop Productivity, 2018	Book Chapter - NA
51	Prenatal Tourism, Citizenship, And National Security: Analyzing The Risks And Mitigation Strategies	Jain G.; Sharma V.	Exploration Of Prenatal Tourism And Birthright Citizenship, 2024	Book Chapter - NA
52	Futuristic Challenges In Circular Economy: Transforming Challenges Into Opportunities In Industry 5.0	Rathi G.; Kathuria S.	Sustainable Economy Models In The Age Of Industry 5.0, 2025	Book Chapter - NA
53	Innovative Approaches To Solid Waste Management In Rural Communities: Challenges And Solutions	Sharma V.; Indora A.; Srivastava A.; Singh Y.	Solid Waste Management For Rural Regions, 2024	Book Chapter - NA

54	Mechanical And Tribological Characteristics Of Industrial Waste-Reinforced Ceramic Composites	Kumar S.; Sinha A.	Sustainable Utilization Of Industrial Wastes As Reinforcement In Composite Materials, 2026	Book Chapter - NA
55	Plastic And Polythene Waste Degradation	Garg A.P.; Ateeq A.	Combating Plastic Pollution In Terrestrial Environment: Challenges And Strategies For A Sustainable Future, 2025	Book Chapter - NA
56	Bioinformatics Resources For Sustainable Agriculture	Dixit R.; Kapoor N.; Singh N.P.; Kumar A.	Research Anthology On Bioinformatics, Genomics, And Computational Biology, 2024	Book Chapter - NA

The above table presents 56 research publications and book chapters relevant to UNSDG 12, covering sustainable production, waste management, the circular economy, and resource efficiency. These scholarly contributions promote knowledge development and may support responsible consumption and sustainable production practices.



Figure 3: CiteScore Distribution of Research Publications Relevant to SDG 12

12.1.2 Responsible Consumption and Production: FWCI

This indicator evaluates the citation impact and relative influence of the university's research publications related to UNSDG 12 through the Field-Weighted Citation Impact metric. It therefore provides an indication of how the university's research performs in comparison with the global research average in the relevant fields.

Table 3: Responsible Consumption and Production – FWCI Analysis

S. No.	Title	Authors	Source, Year	FWCI
1	Genetic Innovations in Wheat for Sustainable Agriculture and Global Food Security	Ahmed S.; Kumar J.; Dayal S.; Singh P.; Kumar R.; Sharma P.K.; Roy J.	Next Generation Crop Improvement for Agricultural Sustainability and Food Security, 2026	12.78
2	Nano-Biochar in Sustainable Agriculture: Applications, Benefits, and Future Perspectives	Singh O.; Singh S.; Shahi U.P.; Singh V.; Singh K.K.; Singh S.; Derdzyan T.; Sousa J.R.	Nanotechnology Applications in Soil Science: From Remediation to Precision Agriculture, 2026	12.11
3	Global impact of carbon emissions and strategies for its management	Garg A.P.; Chaudhary M.; Garg C.	Quality of Life and Climate Change: Impacts, Sustainable Adaptation, and Social-Ecological Resilience, 2024	8.80
4	Transforming Circular Economy Through Industry 5.0: A Deep Dive into Sustainable Innovations	Rathi G.; Kathuria S.	Sustainable Economy Models in the Age of Industry 5.0, 2025	5.42
5	Integrated machine learning and life-cycle optimization framework for sustainable ultra-high performance concrete mix design	Gautam A.; Sangeeta V.; Padhy J.; Pooja; Rao A.G.	Asian Journal of Civil Engineering, 2026	5.08
6	Potential of Cassia fistula pod-based absorbent in remediating water pollutants: An analytical study	Bhutiani R.; Tiwari R.C.; Chauhan P.; Ahamad F.; Sharma V.B.; Tyagi I.; Singh P.	Sustainable Materials for Sensing and Remediation of Noxious Pollutants, 2022	3.56
7	Selection of remanufacturing/production cycles with an alternative market: A perspective on waste management	Saxena N.; Sarkar B.; Singh S.R.	Journal of Cleaner Production, 2020	2.74
8	A reverse logistics model with eco-design under the Stackelberg-Nash equilibrium and centralized framework	Saxena N.; Sarkar B.; Wee H.-M.; Reong S.; Singh S.R.; Hsiao Y.L.	Journal of Cleaner Production, 2023	2.42

9	Ethanobotanical study of Subhartipuram, Meerut, Uttar Pradesh, India. II. Diversity and pharmacological significance of shrubs and climbers	Singh R.A.J.; Upadhyay S.K.; Rani A.; Kumar P.; Kumar A.	International Journal of Pharmaceutical Research, 2020	2.15
10	Innovative approaches to solid waste management in rural communities: Challenges and solutions	Sharma V.; Indora A.; Srivastava A.; Singh Y.	Solid Waste Management for Rural Regions, 2024	2.10
11	Biotechnological tools for enhancing abiotic stress tolerance in plant	Kumar A.; Sengar R.S.; Singh A.; Dixit R.; Singh R.	Eco-friendly Agro-biological Techniques for Enhancing Crop Productivity, 2018	1.86
12	Plastic and Polythene Waste Degradation	Garg A.P.; Ateeq A.	Combating Plastic Pollution in Terrestrial Environment: Challenges and Strategies for a Sustainable Future, 2025	1.85
13	Futuristic Challenges in Circular Economy: Transforming Challenges into Opportunities in Industry 5.0	Rathi G.; Kathuria S.	Sustainable Economy Models in the Age of Industry 5.0, 2025	1.81
14	Quality assessment of groundwater at Laksar Block, Haridwar in Uttarakhand, India using Water Quality Index: A case study	Bhutiani R.; Ahamad F.; Ram K.	Journal of Applied and Natural Science, 2021	1.38
15	International human rights perspectives on birthright citizenship and prenatal tourism	Sharma V.; Seth K.; Choudhury S.R.; Prakash A.	Exploration of Prenatal Tourism and Birthright Citizenship, 2024	1.25
16	Prenatal tourism, citizenship, and national security: Analyzing the risks and mitigation strategies	Jain G.; Sharma V.	Exploration of Prenatal Tourism and Birthright Citizenship, 2024	1.25
17	Biosorption of zinc ions (Zn2+) by dead Aspergillus flavus link mycomass: isotherm, kinetics, and thermodynamic studies	Kumar A.; Singh R.; Tyagi A.; Kumar P.; Kumar P.	Studies in Fungi, 2025	1.24
18	Identification of Aspect Impact of Construction Site: A Case Study	Ruhela M.; Dixit V.; Ahamad F.	Springer Proceedings in Earth and Environmental Sciences, 2022	1.20
19	Symbiotic Relationships Between Arbuscular Mycorrhizal Fungi and Essential Oil-Producing Herbs: A Review of Recent Advances	Sinha A.; Kumar S.	Journal of Basic Microbiology, 2026	0.86
20	Enhancing agronomic crop performance: a review of the role of Nano-Diammonium Phosphate (Nano-DAP) in improving soil nutrient status and crop productivity	Karn N.; Kumar A.; Ikram M.; Sachan S.; Singh J.; Kumar S.; Shubham; Abdelrahman M.A.E.	Sains Tanah, 2025	0.84

21	Cellulase enzymes for sustainable sugarcane waste management: a comprehensive review	Sinha A.; Kumar S.; Kumar A.	3 Biotech, 2026	0.79
22	Investigation on protective effect of Terminalia bellirica (Roxb.) against drugs induced cardiotoxicity in wistar albino rats	Chaudhary R.; Singh R.; Verma R.; Kumar P.; Kumar N.; Singh L.; Kumar S S.	Journal of Ethnopharmacology, 2020	0.70
23	Random Misplacement And Production Process Reliability: A Sustainable Industrial Approach To Deal With The Discrepancy And Deficiency	Saxena N.; Sarkar B.	Journal of Industrial and Management Optimization, 2023	0.69
24	Data-Driven Insights Into CSR Influence on Ethical AI Development: A Quantitative Approach	Bose I.; Srivastava A.; Sharma V.; Tripathi S.; Singh Y.	Corporate Social Responsibility Approaches to Ethical AI in Business, 2024	0.63
25	Ultraviolet protection of textiles with herbal dyes: A contemporary review	Kamboj A.; Medha K.; Gupta V.; Jose S.	Sustainable Chemistry and Pharmacy, 2024	0.60
26	Cause-related marketing and start-ups: moderating role of cause involvement	Aggarwal V.; Singh V.K.	Journal of Global Responsibility, 2019	0.48
27	Relative multi-beneficial effect of MOs on plant health of chickpea (Cicer arietinum L. var. PG-186)	Tomer S.; Khati P.; Suyal D.C.; Perveen K.; Khan F.; Barasarathi J.	Frontiers in Microbiology, 2024	0.40
28	Bio-medical waste managment in a tertiary care hospital: An overview	Pandey A.; Ahuja S.; Madan M.; Asthana A.K.	Journal of Clinical and Diagnostic Research, 2016	0.34
29	Design and evaluation of passive optical networks for smart food processing systems	Kumar K.; Kumar V.; Prince; Yadav A.; Sharma V.	Journal of Optical Communications, 2025	0.26
30	Sustainable production model with stochastic machine breakdown using smart manufacturing under circular economy	Saxena N.; Kumar J.; Sana S.S.	Green Finance, 2023	0.10
31	Boosting Economic and Environmental Efficiency in Green Supply Chains through Carbon Tax and Market-Driven Approaches and Payment Strategies	Verma S.K.; Singhwal P.; Malik A.K.; Kumar P.; Hashmi S.	Process Integration and Optimization for Sustainability, 2026	-
32	Role of nanocrystal and Nanodots in food preservation: A prospective for food industry	Kumar D.; Sharma P.K.	Food and Humanity, 2026	-
33	Nano-biopesticide: A novel and sustainable approach towards	Singh J.; Kumar A.; Das N.; Yadav K.K.;	Plant Science Today, 2026	-

	pest and disease management	Kumar R.; Shubham; Sachan S.; Gupta S.; Kumar S.; Bhattacharya S.; Nath P.; Kokale S.		
34	The role of education in endorsing environmental consciousness among the youth: A ground-level study	Khanam R.; Sikhola M.; Chauhan N.; Singh P.; Iqbal A.; Lalmalsawmtluanga; Lalmalsawmtluangi C.	Environment Conservation Journal, 2026	-
35	Synthesis of microbial nano-hydroxyapatite (nHAP) and evaluation of impact on growth parameters of onion (Allium cepa L.) Var. agrifound light red	Dwivedi A.K.; Kumar S.; Kumar A.	Environment Conservation Journal, 2026	-
36	Decarbonizing concrete: A comprehensive review of fly ash and silica fume for low-carbon, durable, and sustainable cementitious systems	Sharma R.; Singh M.; Ruhela M.; Bhutiani R.	Environment Conservation Journal, 2026	-
37	Analyzing the impact of Globalization on soil fertility and nutrient cycling: A review	Kumar S.; Kumar A.; Yadav A.; Singh A.K.	Environment Conservation Journal, 2026	-
38	Practices regarding biomedical waste management among health care workers of tertiary care hospitals of Meerut, u.p.	Ranjan R.; Parashar P.; Chaudhary V.; Shukla A.	Indian Journal of Public Health Research and Development, 2018	-
39	Design Intervention And Branding: Positioning Bagh Printing As Lifestyle Statements For Gen-Z	Srivastava N.; Singh N.	ShodhKosh: Journal of Visual and Performing Arts, 2025	-
40	The Development of Sustainable Products through Creative Up-Cycling of Fabric Waste from Boutiques and Tailor Shops	Singh N.; Pooja; Dhama A.	Research on Engineering Applications in Multidisciplinary Sectors (Part 2), 2025	-
41	A Green Inventory Model for Decaying Products Under the Impact of Carbon Emissions with Two Different Demands	Bhardwaj V.; Kumar S.; Tyagi V.K.; Kumar J.	Research on Engineering Applications in Multidisciplinary Sectors (Part 1), 2025	-
42	Promotion of Satvik Cuisine among food freak customers in Braj Region, India	Sharma V.; Srivastav D.K.; Jain G.	Examining Tourist Behaviors and Community Involvement in Destination Rejuvenation, 2024	-
43	Integration of waste to-energy solutions in tourist facilities in hospitality	Sharma V.	Application of Waste-to-Energy Innovations in Tourism, 2024	-
44	Exploring Critical Success Factors (CSF) for Environmental Social and	Tyagi P.; Rana S.; Grover V.; Kaushik R.; Kumar M.;	Environmental, Social, and Governance (ESG) Investing for Sustainable Finance, 2026	-

	Governance (ESG) Implementation in Banking and Financial Institutions: A TISM Approach	Bhardwaj P.; Tyagi K.		
45	Impact of global sustainable practices on gastronomic tourism: Policies, initiatives, and consumer perceptions	Sharma V.; Mishra R.R.; Poddar N.	Global Sustainable Practices in Gastronomic Tourism, 2024	-
46	Predatory insects management for sustainable agriculture	Bisht N.; Garg A.P.	Insects as Humans' Frenemies: From Friends to Foes, 2025	-
47	Tourist perception and acceptance of waste-to-energy innovations	Prakash A.; Sharma V.	Application of Waste-to-Energy Innovations in Tourism, 2024	-
48	Addressing Global Health Goals With AI-Enhanced Medical Tourism	Hassan V.; Sharma V.	Addressing Global Health Goals With AI-Enhanced Medical Tourism, 2025	-
49	Role of AI in Mitigating the Water Crisis	Saxena C.	The Handbook of AI for Clean Water: Innovations in Treatment and Monitoring, 2025	-
50	The Impact of an Aggressive Environment on the Durability of Geo-polymer Concrete: A Review	Tiwari A.; Selvam J.	Research on Engineering Applications in Multidisciplinary Sectors (Part 1), 2025	-
51	Pioneering zero waste technologies within the framework of sustainable progress	Garg A.P.; Chaudhary M.	AI Technologies for Enhancing Recycling Processes, 2025	-
52	Birth Health Tourism’s Ascent: International Maternity Care in an Internationalized World	Gupta N.; Sharma V.	The Evolution and Future Trajectory of Birth Health Tourism, 2026	-
53	Introduction to Biochar: Composition, Production, and Applications	Singh O.; Shahi U.P.; Singh V.; Singh S.; Derdzyan T.	Nanotechnology Applications in Soil Science: From Remediation to Precision Agriculture, 2026	-
54	Environmental Sustainability and Cost Efficiency of Bottom Ash Granulated: A Life Cycle Assessment and Cost Analysis	Singh M.; Nusari M.S.	Research on Engineering Applications in Multidisciplinary Sectors (Part 2), 2025	-
55	Mechanical and Tribological Characteristics of Industrial Waste-Reinforced Ceramic Composites	Kumar S.; Sinha A.	Sustainable Utilization of Industrial Wastes as Reinforcement in Composite Materials, 2026	-
56	Bioinformatics resources for sustainable agriculture	Dixit R.; Kapoor N.; Singh N.P.; Kumar A.	Research Anthology on Bioinformatics, Genomics, and Computational Biology, 2024	-

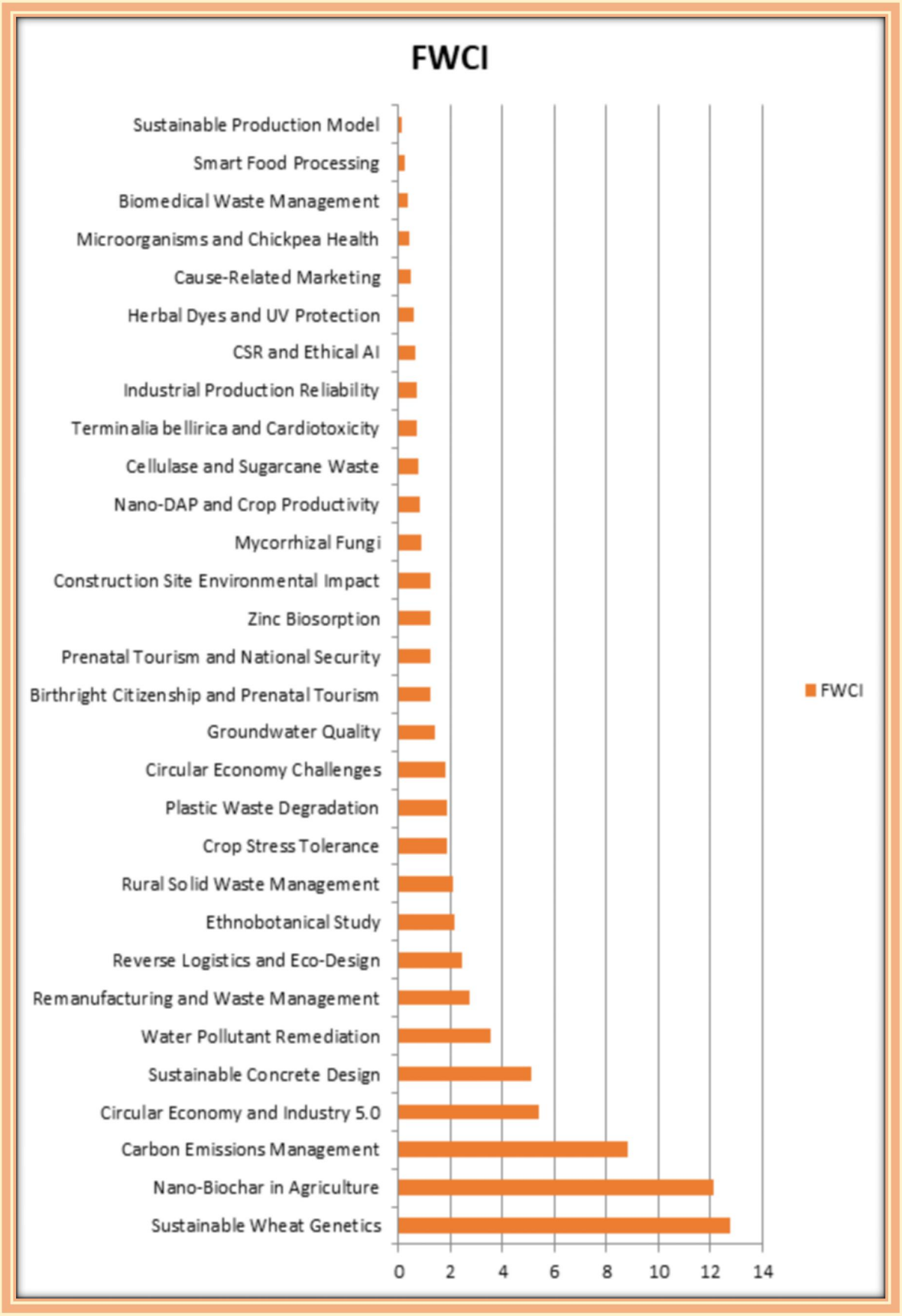


Figure 4: Field-Weighted Citation Impact of Research Publications Relevant to UNSDG 12

12.1.3 Responsible Consumption and Production: Publications

This indicator measures the overall volume of the university's research output in the field of Responsible Consumption and Production UNSDG 12. It recognises the university's contribution to generating and disseminating knowledge on sustainable consumption patterns, efficient utilisation of natural resources, waste prevention and recycling, sustainable technologies, circular economy approaches, and environmentally responsible production systems.

Table 4: Research Publication Responsible Consumption and Production

No.	Research Paper/Book Chapter Title	Author (s)	Source	Year
1.	Symbiotic Relationships Between Arbuscular Mycorrhizal Fungi and Essential Oil-Producing Herbs: A Review of Recent Advances	Sinha A.; Kumar S.	Journal of Basic Microbiology	2026
2.	Integrated machine learning and life-cycle optimization framework for sustainable ultra-high performance concrete mix design	Gautam A.; Sangeeta V.; Padhy J.; Pooja; Rao A.G.	Asian Journal of Civil Engineering	2026
3.	Cellulase enzymes for sustainable sugarcane waste management: a comprehensive review	Sinha A.; Kumar S.; Kumar A.	3 Biotech	2026
4.	Boosting Economic and Environmental Efficiency in Green Supply Chains through Carbon Tax and Market-Driven Approaches and Payment Strategies	Verma S.K.; Singhwal P.; Malik A.K.; Kumar P.; Hashmi S.	Process Integration and Optimization for Sustainability	2026
5.	Role of nanocrystal and Nanodots in food preservation: A prospective for food industry	Kumar D.; Sharma P.K.	Food and Humanity	2026
6.	Nano-biopesticide: A novel and sustainable approach towards pest and disease management	Singh J.; Kumar A.; Das N.; Yadav K.K.; Kumar R.; Shubham; Sachan S.; Gupta S.; Kumar S.; Bhattacharya S.; Nath P.; Kokale S.	Plant Science Today	2026
7.	The role of education in endorsing environmental consciousness among the youth: A ground-level study	Khanam R.; Sikhola M.; Chauhan N.; Singh P.; Iqbal A.; Lalmalsawmtluanga; Lalmalsawmtluangi C.	Environment Conservation Journal	2026

8.	Synthesis of microbial nano-hydroxyapatite (nHAP) and evaluation of impact on growth parameters of onion (Allium cepa L.) Var. agrifound light red	Dwivedi A.K.; Kumar S.; Kumar A.	Environment Conservation Journal	2026
9.	Decarbonizing concrete: A comprehensive review of fly ash and silica fume for low-carbon, durable, and sustainable cementitious systems	Sharma R.; Singh M.; Ruhela M.; Bhutiani R.	Environment Conservation Journal	2026
10.	Analyzing the impact of Globalization on soil fertility and nutrient cycling: A review	Kumar S.; Kumar A.; Yadav A.; Singh A.K.	Environment Conservation Journal	2026
11.	Genetic Innovations in Wheat for Sustainable Agriculture and Global Food Security	Ahmed S.; Kumar J.; Dayal S.; Singh P.; Kumar R.; Sharma P.K.; Roy J.	Next Generation Crop Improvement for Agricultural Sustainability and Food Security	2026
12.	Birth Health Tourism's Ascent: International Maternity Care in an Internationalized World	Gupta N.; Sharma V.	The Evolution and Future Trajectory of Birth Health Tourism	2026
13.	Nano-Biochar in Sustainable Agriculture: Applications, Benefits, and Future Perspectives	Singh O.; Singh S.; Shahi U.P.; Singh V.; Singh K.K.; Singh S.; Derdzyan T.; Sousa J.R.	Nanotechnology Applications in Soil Science: From Remediation to Precision Agriculture	2026
14.	Introduction to Biochar: Composition, Production, and Applications	Singh O.; Shahi U.P.; Singh V.; Singh S.; Derdzyan T.	Nanotechnology Applications in Soil Science: From Remediation to Precision Agriculture	2026
15.	Mechanical and Tribological Characteristics of Industrial Waste-Reinforced Ceramic Composites	Kumar S.; Sinha A.	Sustainable Utilization of Industrial Wastes as Reinforcement in Composite Materials	2026
16.	Role of nanocrystal and Nanodots in food preservation: A prospective for food industry	Kumar D.; Sharma P.K.	Food and Humanity	2026
17.	Design and evaluation of passive optical networks for smart food processing systems	Kumar K.; Kumar V.; Prince; Yadav A.; Sharma V.	Journal of Optical Communications	2025
18.	Biosorption of zinc ions (Zn2+) by dead Aspergillus flavus link mycomass: isotherm, kinetics, and thermodynamic studies	Kumar A.; Singh R.; Tyagi A.; Kumar P.; Kumar P.	Studies in Fungi	2025
19.	Enhancing agronomic crop performance: a review of the role of Nano-Diammonium Phosphate (Nano-DAP) in	Karn N.; Kumar A.; Ikram M.; Sachan S.; Singh J.; Kumar S.; Shubham;	Sains Tanah	2025

	improving soil nutrient status and crop productivity	Abdelrahman M.A.E.		
20.	Design Intervention And Branding: Positioning Bagh Printing As Lifestyle Statements For Gen-Z	Srivastava N.; Singh N.	ShodhKosh: Journal of Visual and Performing Arts	2025
21.	The Development of Sustainable Products through Creative Up-Cycling of Fabric Waste from Boutiques and Tailor Shops	Singh N.; Pooja; Dhama A.	Research on Engineering Applications in Multidisciplinary Sectors (Part 2)	2025
22.	A Green Inventory Model for Decaying Products Under the Impact of Carbon Emissions with Two Different Demands	Bhardwaj V.; Kumar S.; Tyagi V.K.; Kumar J.	Research on Engineering Applications in Multidisciplinary Sectors (Part 1)	2025
23.	The Impact of an Aggressive Environment on the Durability of Geo-polymer Concrete: A Review	Tiwari A.; Selvam J.	Research on Engineering Applications in Multidisciplinary Sectors (Part 1)	2025
24.	Transforming Circular Economy Through Industry 5.0: A Deep Dive into Sustainable Innovations	Rathi G.; Kathuria S.	Sustainable Economy Models in the Age of Industry 5.0	2025
25.	Pioneering zero waste technologies within the framework of sustainable progress	Garg A.P.; Chaudhary M.	AI Technologies for Enhancing Recycling Processes	2025
26.	Environmental Sustainability and Cost Efficiency of Bottom Ash Granulated: A Life Cycle Assessment and Cost Analysis	Singh M.; Nusari M.S.	Research on Engineering Applications in Multidisciplinary Sectors (Part 2)	2025
27.	Plastic and Polythene Waste Degradation	Garg A.P.; Ateeq A.	Combating Plastic Pollution in Terrestrial Environment: Challenges and Strategies for a Sustainable Future	2025
28.	Futuristic Challenges in Circular Economy: Transforming Challenges into Opportunities in Industry 5.0	Rathi G.; Kathuria S.	Sustainable Economy Models in the Age of Industry 5.0	2025
29.	Role of AI in Mitigating the Water Crisis	Saxena C.	The Handbook of AI for Clean Water: Innovations in Treatment and Monitoring	2025

30.	Addressing Global Health Goals With AI-Enhanced Medical Tourism	Hassan V.; Sharma V.	Addressing Global Health Goals With AI-Enhanced Medical Tourism	2025
31.	Prenatal tourism, citizenship, and national security: Analyzing the risks and mitigation strategies	Jain G.; Sharma V.	Exploration of Prenatal Tourism and Birthright Citizenship	2024
32.	Ultraviolet protection of textiles with herbal dyes: A contemporary review	Kamboj A.; Medha K.; Gupta V.; Jose S.	Sustainable Chemistry and Pharmacy	2024
33.	Relative multi-beneficial effect of MOs on plant health of chickpea (Cicer arietinum L. var. PG-186)	Tomer S.; Khati P.; Suyal D.C.; Perveen K.; Khan F.; Barasarathi J.	Frontiers in Microbiology	2024
34.	Data-Driven Insights Into CSR Influence on Ethical AI Development: A Quantitative Approach	Bose I.; Srivastava A.; Sharma V.; Tripathi S.; Singh Y.	Corporate Social Responsibility Approaches to Ethical AI in Business	2024
35.	Promotion of Satvik Cuisine among food freak customers in Braj Region, India	Sharma V.; Srivastav D.K.; Jain G.	Examining Tourist Behaviors and Community Involvement in Destination Rejuvenation	2024
36.	Integration of waste to-energy solutions in tourist facilities in hospitality	Sharma V.	Application of Waste-to-Energy Innovations in Tourism	2024
37.	Impact of global sustainable practices on gastronomic tourism: Policies, initiatives, and consumer perceptions	Sharma V.; Mishra R.R.; Poddar N.	Global Sustainable Practices in Gastronomic Tourism	2024
38.	International human rights perspectives on birthright citizenship and prenatal tourism	Sharma V.; Seth K.; Choudhury S.R.; Prakash A.	Exploration of Prenatal Tourism and Birthright Citizenship	2024
39.	Tourist perception and acceptance of waste-to-energy innovations	Prakash A.; Sharma V.	Application of Waste-to-Energy Innovations in Tourism	2024
40.	Bioinformatics resources for sustainable agriculture	Dixit R.; Kapoor N.; Singh N.P.; Kumar A.	Research Anthology on Bioinformatics, Genomics, and Computational Biology	2024
41.	Global impact of carbon emissions and strategies for its management	Garg A.P.; Chaudhary M.; Garg C.	Quality of Life and Climate Change: Impacts, Sustainable Adaptation, and	2024

			Social-Ecological Resilience	
42.	Innovative approaches to solid waste management in rural communities: Challenges and solutions	Sharma V.; Indora A.; Srivastava A.; Singh Y.	Solid Waste Management for Rural Regions	2024
43.	A reverse logistics model with eco-design under the Stackelberg-Nash equilibrium and centralized framework	Saxena N.; Sarkar B.; Wee H.-M.; Reong S.; Singh S.R.; Hsiao Y.L.	Journal of Cleaner Production	2023
44.	Sustainable production model with stochastic machine breakdown using smart manufacturing under circular economy	Saxena N.; Kumar J.; Sana S.S.	Green Finance	2023
45.	Random Misplacement And Production Process Reliability: A Sustainable Industrial Approach To Deal With The Discrepancy And Deficiency	Saxena N.; Sarkar B.	Journal of Industrial and Management Optimization	2023
46.	Sustainable production model with stochastic machine breakdown using smart manufacturing under circular economy	Saxena N.; Kumar J.; Sana S.S.	Green Finance	2023
47.	Identification of Aspect Impact of Construction Site: A Case Study	Ruhela M.; Dixit V.; Ahamad F.	Springer Proceedings in Earth and Environmental Sciences	2022
48.	Potential of Cassia fistula pod-based absorbent in remediating water pollutants: An analytical study	Bhutiani R.; Tiwari R.C.; Chauhan P.; Ahamad F.; Sharma V.B.; Tyagi I.; Singh P.	Sustainable Materials for Sensing and Remediation of Noxious Pollutants	2022
49.	Quality assessment of groundwater at Laksar Block, Haridwar in Uttarakhand, India using Water Quality Index: A case study	Bhutiani R.; Ahamad F.; Ram K.	Journal of Applied and Natural Science	2021
50.	Selection of remanufacturing/production cycles with an alternative market: A perspective on waste management	Saxena N.; Sarkar B.; Singh S.R.	Journal of Cleaner Production	2020
51.	Investigation on protective effect of Terminalia bellirica (Roxb.) against drugs induced cardiotoxicity in wistar albino rats	Chaudhary R.; Singh R.; Verma R.; Kumar P.; Kumar N.; Singh L.; Kumar S S.	Journal of Ethnopharmacology	2020
52.	Ethanobotanical study of	Singh R.A.J.;	International Journal	2020

	Subhartipuram, Meerut, Uttar Pradesh, India. II. Diversity and pharmacological significance of shrubs and climbers	Upadhyay S.K.; Rani A.; Kumar P.; Kumar A.	of Pharmaceutical Research	
53.	Cause-related marketing and start-ups: moderating role of cause involvement	Aggarwal V.; Singh V.K.	Journal of Global Responsibility	2019
54.	Biotechnological tools for enhancing abiotic stress tolerance in plant	Kumar A.; Sengar R.S.; Singh A.; Dixit R.; Singh R.	Eco-friendly Agro-biological Techniques for Enhancing Crop Productivity	2018
55.	Practices regarding biomedical waste management among health care workers of tertiary care hospitals of Meerut, u.p.	Ranjan R.; Parashar P.; Chaudhary V.; Shukla A.	Indian Journal of Public Health Research and Development	2018
56.	Bio-medical waste managment in a tertiary care hospital: An overview	Pandey A.; Ahuja S.; Madan M.; Asthana A.K.	Journal of Clinical and Diagnostic Research	2016

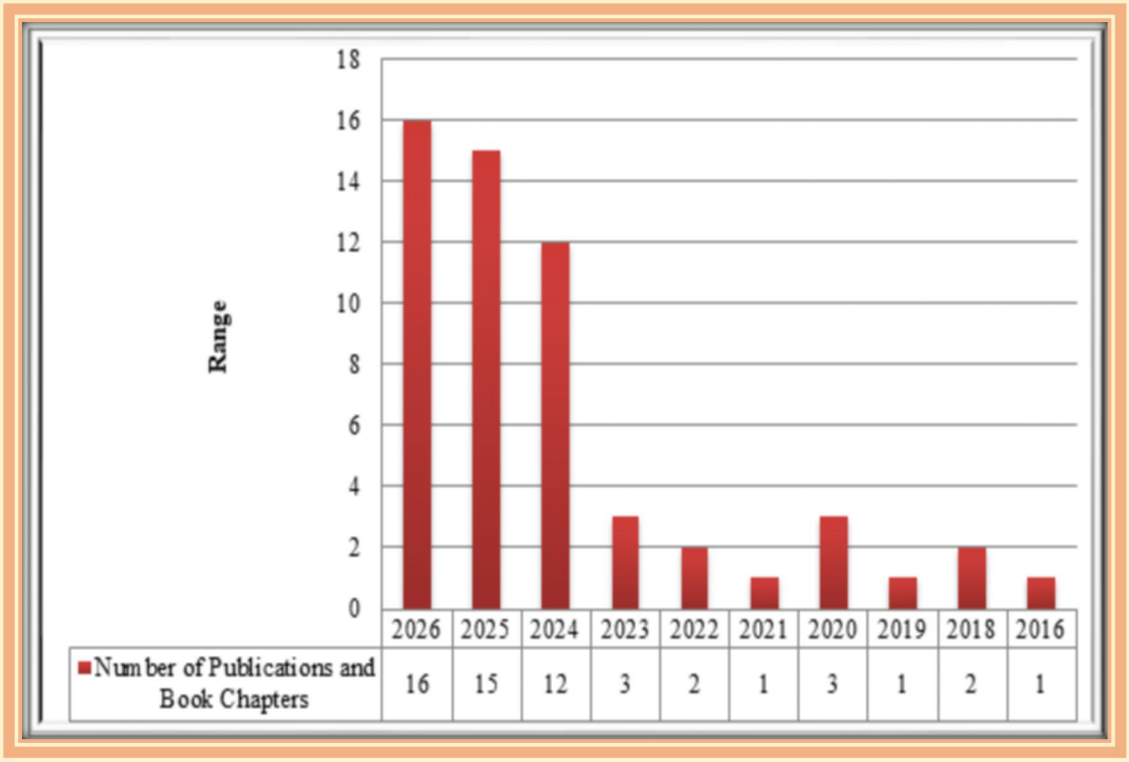


Figure 5: Year-wise Distribution of Research Publications Relevant to UNSDG 12

Table 5: Patents Relevent to UNSDG 12

S. No.	Name of the Patenter / Awardee(s)	Patent / Design / Copyright number	Title	Year awarded / Published
1	Dr. Aadesh Kumar, Dr. Nidhi Dhama	202511004263	Real-time ph adjustment system for lab-scale reaction vessels	2025
2	Mr. Nishant Gaurav, Mr. Vishal Kumar Biswkarma, Prof. Dr. Garima Verma, Mr. Prasanjit Paul	202511004254	Combined herbal formulation for antispasmodic and analgesic effect	2025
3	Dr. Garima Verma	202511004252	Polyherbal dosage form for hairfall treatment	2025
4	Mr. Vipin Kumar	202511006095	Novel formulation of phytoagents for protection against anti-cancer therapy	2025
5	Prof. Dr. Shalya Raj, Dr. Krishna Murty, Dr. Rohit Ravinder	202511007181	Automatic blade cleaning system for fan	2025
6	Prof. Dr. Shalya Raj, Dr. Krishna Murty, Dr. Rohit Ravinder	202511007186	Herbal gummy based toothpaste	2025
7	Prof. Dr. Shalya Raj, Dr. Krishna Murty, Dr. Rohit Ravinder	202511008535	Tablet stand with angle adjustment and wireless charging integration	2025
8	Prof. Dr. Shalya Raj, Dr. Krishna Murty, Dr. Rohit Ravinder	202511008532	Automated water filtration and drainage system for aquarium	2025
9	Mr. Prashant Kumar	202511010700	Formulation development and evaluation of herbal-based shampoo" 2025	2025
10	Ms. Swasti Arora	202511010701	Garbage burning device for society	2025
11	Mr. Prasanjit Paul	202511010693	Formulation development and evaluation of polyherbal cosmetic cream and method of prepartion thereof" 2025	2025
12	Dr. Aadesh Kumar, Dr. Nidhi Dhama	202511010695	Green synthesis of alzheimer's therapeutics from herbal sources" 2025	2025
13	Er. Kajal Kumari, Er. Harshit Gupta, Er. Amit Kumar	202511031130	Ai-based quality inspection system for manufacturing processes	2025
14	Er.Ritu Sharma,Er.Kunver Arif Ali, Dr Himanshu Agarwal,Er. Rajesh Parihar	202511031132	Iot-based farming system for precision irrigation	2025
15	Ms Sumita Singh	202511031091	Glow-in-the-dark (gid)	2025

			labels	
16	Mr. Amit Kumar	202511031089	Herbal formulation using zanthoxylum armatum	2025
17	Dr. Kunal Arora	202511031090	Herbal gel formulation using babchi (cullen corylifolium) and chirchita (achyranthes aspera) leaf extracts	2025
18	Sandeep Kumar, Pankaj Kumar, Rahul Kumar	202511030817	Self-adjusting gear mechanism	2025
19	Mrs Dimple Singh Tomar	202511030696	Herbal soap formulation using curcuma amada roxburgh and prunus dulcis and method of preparation therof	2025
20	Dr. Aadesh Kumar, Dr. Nidhi Dhama	202511030694	Herbal immunity-boosting tea for children below 5 years age	2025
21	Dr. Garima Verma	202511030695	Herbal oil formulation using alhagi camelorum & method of preparation thereof	2025
22	Mr. Pushpraj, Dr. Sakshi Bhardwaj, Dr. Nikhil Srivastava, Dr. Tushar Pruthi, Dr. Vivek Rana, Dr. Noopur Kaushik, Dr. Navpreet Kaur	202511030697	Comporeign -revolutionary technological marvel for composite, etchant and bonding agent dispensing with chronograph	2025
23	Mr. Yajvendra Singh, Mr. Vikas Sharma, Dr. Shiv Mohan	202511030698	Sunny-side-up egg cooking system	2025
24	Er. Anil Kumar, Er. Ibran Khan,Er. Daud Chauhan, Er. Aanchal Sharma	202511030648	Partial replacement of lime by fly ash in hemp concrete	2025
25	Dr. Nair Dhiren Ajit, Dr. Kajal Gupta	202511030649	Steam optimized modern apparatus (soma) chamber	2025
26	Er. Anil Kumar, Er. Daud Chauhan,Er. Ibran Khan, Er. Aanchal Sharma	202511030617	Natural fibers in enhancing the durability of concrete	2025
27	Dr. Rubi	202511030621	Smart ghee container with integrated heating mechanism	2025
28	Dr. Arpana Kamboj, Dr. Ashish Kumar Mishra, Er. Monika Verma	202511030620	Multi design portable screen for textile printing	2025
29	Er. Anil Kumar, Er. Ibran Khan, Er. Daud Chauhan, Er. Aanchal Sharma	202511030622	Partial replacement of coarse aggregate by bamboo in concrete	2025
30	Pankaj Kumar, Sandeep Kumar, Rahul Kumar	202511030623	Biodegradable solar panel with enhanced efficiency	2025

31	Er. Sandeep Kumar, Er. Rahul Kumar, Er. Pankaj Kumar	202511030615	Automated welding system for complex geometries	2025
32	Er. Himanshu Agarwal, Er. Ritu Sharma, Er. Kunver Arif Ali, Er. Rajesh Parihar	202511030616	Advanced plant disease detection using machine learning and iot	2025
33	Mr. Vikas Sharma, Dr. Shiv Mohan, Mr. Yajvendra Singh	202511031488	Temperature control biryani maker	2025
34	Dr. Ankit Srivastava, Dr. Indraneel Bose, Mr. Saurabh Tripathi	202511031489	Pan with space-saving design for easy food transfer	2025
35	Dr. Indraneel Bose, Dr. Ankit Srivastava, Mr. Sourabh Tripathi	202511031491	Detachable tea cup with a bottom-warming device	2025
36	Dr. Shiv Mohan, Mr. Yajvendra Singh, Mr. Vikas Sharma	202511031492	Tandoor long handle with interchangeable attachments	2025
37	Mr. Yajvendra Singh, Mr. Vikas Sharma, Dr. Shiv Mohan(Doc. Small)	202511031495	Ai-powered interactive kitchen worktable for real-time recipe assistance	2025
38	Dr. Pooja Gupta	202511031535	Oil colour palette	2025
39	Er. Subhash Chand	202511031539	Living concrete: a self-healing, carbon-sequestering, and sustainable building material" 2025	2025
40	Pankaj Kumar, Rahul Kumar, Sandeep Kumar	202511031726	Ecofriendly solar cooker with reflectors" 2025	2025
41	Er. Rajesh Parihar, Er. Ritu Sharma, Er.Kunver Arif Ali, Er.Amit Kumar	202511065447	Machine learning enabled iot system for precision agriculture" 2025	2025
42	Er. Reena Singh, Er. Divya Mishra, Er. Ujjawal Mishra, Er. Sunny Gaur	202511065450	Edge computing system for efficient iot data processing" 2025	2025
43	Pankaj Kumar, Rahul Kumar , Sandeep Kumar	202511065451	Biodegradable polymer implant for bone fracture fixation with reinforced mechanical strength" 2025	2025
44	Er. Daud Chauhan, Er. Aanchal Sharma, Er. Ibran Khan	202511065452	Bamboo fiber-reinforced concrete for sustainable construction" 2025	2025
45	Er. Harshit Gupta, Dr. S. C. Tiwari, Er. Amit Kumar	202511065453	Adaptive energy-efficient antenna system for smart homes" 2025	2025
46	Subhash Chand	202511065454	Ultra-high performance concrete for enhanced structural durability" 2025	2025
47	Dr. Sumita Singh,	202511066691	A topical invasomal gel	2025

	Dr. Kunal Arora		from syzygium aromaticum & method of preparation thereof" 2025	
48	Dr. Amrita Chaudhary		Mrs. Sunita Ashok Chaudhary" 202511068148 Rice & Gram flour Kachri 2025	2025
49	Mrs. Nisha	202511068149	Eco-friendly nanocomposites for dye removal	2025
50	Dr. Krishanpal Singh, Mr . Vikash Kumar, Dr .Naveen Chandra	202511068143	IOT-based smart waste management system	2025
51	Dr. Adesh Kumar	202511068152	Method for sustainable decomposition of rice crop residues using microbialconsortia	2025
52	Dr. Jyoti Madhur	202511071262	Herbal formula for all hair problems	2025
53	Dr. Seema Sharma, Dr. Ashish Kumar, Dr. Nishi Raghav, Dr. Preeti Sharma	202511071261	Semi-instant bathua kadhi mix and method of preparation thereof	2025
54	Dr. Akash Raj Sharma, Dr. Abhishek Kapoor,Dr.Varun, Dr Geeta Arya, Dr. Pankaj Wadhwa, Dr. Kanchan Shukla	202511072521	Attachment-based suction tip for dental operatories" 2025	2025
55	Dr. Kulsoom Hamid	202511072401	Eco-friendly biodegradable packaging material from agricultural waste	2025
56	Dr. Nisha Rana, Dr. Joginder Singh, Dr. Aasha, Dr. Nagendra Kumar Lohia	202511072402	Portable microalgae bioreactor system	2025
57	Dr. Nisha Rana	202511072406	Biodegradable, ingestible gps unit for ruminant	2025
58	Dr. Sumita Singh, Dr. Kunal Arora, Ms. Swasti Arora	202511072407	No wastage baby feeding bottle	2025
59	Pankaj Kumar,		Rahul Kumar, Sandeep Kumar Gupta, Sandeep Kumar 202511073078 "method for reducing boiler feedwater scaling" 2025	2025
60	Dr. Vikrant Verma	202511073980	Nano-encapsulated herbal hand sanitizer with extended antimicrobial action and skin barrier support	2025
61	Dr. Nisha Rana	202511090763	AI based road cleaning device for cleaning	2025

			observationand automated conduction	
62	Dr. Mukesh Kumar, Neelam	202511095423	A system for neutralizing the adverse effects of silver nanoparticles	2025
63	Dr. Nisha Rana	202511095425	Decentralized ai-assisted supply chain platform for resilient e-commerce fulfilment	2025
64	Dr. Mukesh Kumar, Neelam	202511095426	Method for the biosynthesis of silver nanoparticles using tamarix gallica leaf extract	2025
65	Shivangi Sangal	202511095428	Biodegradable polymer-based inhaler for respiratory therapy	2025
66	Nandini Sharma	202511095430	A method and kit for quality control of herbal and botanical products	2025
67	Mr.Prashant Kumar	202511095431	A novel herbal hair care composition fornourishment and scalp health	2025
68	Dr. Aadesh Kumar, Dr. Nidhi Dhama	202511097712	A method and system for optimizing solvent purity in pharmaceutical processes using artificial intelligence	2025
69	Vikrant Verma	202511097715	A plant-based sanitizer formulation with synergistic antimicrobial properties	2025
70	Deepak Singh Aswal, Dimple Singh Tomer, Prasanjit Paul	202511100278	Topical antifungal nanoemulgel shampoo and method of preparation thereof	2025
71	Dr. Padmanabh Jha	202511108004	Hygienic dental chair spittoon extension" 2025	2025
72	Dr. Amit Kumar	202511108008	Continuos flow soxhlet extractor with recovery of solvent" 2025	2025
73	Nandini Sharma	202511108003	Phytoconstituent-loaded transdermal system for chronic pain relief" 2025	2025
74	Professor (Dr.) Shalya Raj	202511108012	Beverage formulation for blood pressure regulation with controlled mineral content" 2025	2025
75	Mr. Lavdeep Singh	202511108063	Biodegradable nanoparticle delivery system for crispr-cas9 ocular gene editing" 2025	2025
76	Dr. Sumita Sigh, Mr.	202511113115	Method for preparing a	2025

	Keshaw Pandey, Dr. Kunal Arora, Ms. Swasti Arora		niacinamide and alovera enriched polymeric hydrogel" 2025	
77	Dr.Shikha Jaiswal, Dr.Sachin Gupta	202511113238	Thermal insulating sleeve for heated dental hand instruments" 2025	2025
78	Dr. Prajesh Dubey, Dr. Preeti Mishra	202511113243	Dental chair integrated multi-compartment waste disposal system" 2025	2025
79	Ms.Dimple Singh Tomar, Ms. Parkhi Rastogi	202511115573	Targeted delivery system using stimuli-responsive herbal nano- hydrogel for diabetic ulcer management" 2025	2025
80	Ms. Swati		Wadhawan" 202511115569 "Thermo-activated herbal vapor pillow for infants" 2025	2025
81	Dr. Sharddha Upadhyay	202511113246	One-post green systhesis and dual application of 2-aminoquinoline-3-carbonitrile derivatives" 2025	2025
82	Anuj Yadav, Amit Kumar, Sunil Kumar, Saurabh Tyagi	202511116920	Utillzation of green pea peel (waste) in production of processed food product" 2025	2025
83	Mr. Akash Kumar	202511126684	Multi-layer paper-based irreversible colorimetric indicator for monitoring blood storage conditions	2025
84	Nandini Sharma	202511126701	Synergistic hybrid pharmaceutical composition comprising herbal bioactives and synthetic antidiabetic agents	2025
85	Dr. Nisha Rana	202511030811	Multifunctional pen	2025
86	Dr. Nisha Rana	202511066694	Adjustable ayurvedic device for nasal nasya therapy" 2025	2025
87	Dr. Nisha Rana	202511068147	Smart electronic fan	2025
88	Dr. Shikha Jaiswal, Dr.Sachin Gupta	202511073071	Autoclavable tabletop bin for contaminated cotton disposal" 2025	2025
89	Nandini Sharma	202511113249	Rapid test strip for indentyfying herabal adulterants" 2025	2025

Table 6 Evidence of Copyrights is presented below

S. No.	Title	Type and Year	Authors / Inventors	Patent/Design/Copyright Number
1.	Intelligent Customer Relationship Management (ICRM) System	Copyright-2025	Swami Vivekanad Subharti University(Dr. R.K. Ghai)	LD-23818/2025-CO
2.	SUBHARTI	Copyright-2025	Dr .Shalya Raj	LD-33270/2025-CO
3.	Kamdhenu	Copyright-2025	Shivanshi	AT-44378/2025-CO
4.	Madhu Ras	Copyright-2025	Dr. Shalya Raj	AT-45882/2025-CO
5.	Consumer Health Perception Scale for Detergent Products	Copyright-2025	Dr. Mulul Kumar Dr. Shalya Raj	L-160721/2025
6.	IOT-Enabled Smart Food Blender	Copyright-2025	Swami Vivekanad Subharti University, Meerut . Dr. Kapil Kumar .Dr. Shimar Mishra .Dr. Anuj Yadav .Ms. Ankita Kumari .Dr. Prince Dr. Vishal Kumar	448833-001

The copyright records presented in the table highlight Swami Vivekanand Subharti University's efforts to promote creativity, knowledge development, and intellectual property generation. The six listed records for 2025 cover a range of works, including the Intelligent Customer Relationship Management (ICRM) System, SUBHARTI, Kamdhenu, Madhu Ras, the Consumer Health Perception Scale for Detergent Products, and an IoT-enabled Smart Food Blender. Some works may have potential relevance to responsible consumption and production, particularly where they support product-related knowledge, consumer awareness, or efficient food preparation. However, their specific contribution to SDG 12 should be established according to their intended use and demonstrated outcomes.

Table 7: Research Projects Contributing to SDG 12

S.No.	Research Theme	Department	Contribution	Year
1	Genomic-guided antibiotic selection in acute cholecystitis	General Surgery	Supports targeted therapy and reduces unnecessary broad-spectrum antibiotic use	2023
2	Closed vs open suction systems in ventilated patients	Respiratory Medicine	Evaluates infection prevention and its effect on consumables and hospital resource use	2022
3	Rapid multiplex PCR diagnosis of meningitis and pneumonia	General Medicine, Paediatrics	Faster diagnosis supports rational antibiotic use	2022
4	Genomic detection of drug resistance in tuberculosis	Respiratory Medicine	Enables accurate drug selection and reduces drug wastage	2022
5	Next-generation sequencing for abdominal infections	General Surgery, General Medicine	Promotes pathogen-directed antimicrobial therapy	2023
6	Infection control and antimicrobial resistance surveillance (MRSA carriage, catheter biofilm, soft tissue infections)	Microbiology, General Surgery	Strengthens resistance monitoring and safe healthcare practice	2022
7	Prevention of hospital-acquired and surgical site infections	Respiratory Medicine, General Surgery	Reduces infection-related waste and prolonged resource use	2022
8	Cost-effective management of mastalgia	General Surgery	Compares treatment cost-effectiveness for efficient use of resources	2023
9	AI-assisted rapid MRI techniques	Radio-Diagnosis	Shorter scan time improves equipment and energy efficiency	2023
10	Digital technology for feto-maternal health services	Obstetrics & Gynaecology	Supports efficient, technology-enabled service delivery	2023
11	Pulmonary rehabilitation in COPD	Respiratory Medicine	Non-pharmacological approach that can reduce hospital resource use	2022

The university promotes research, innovation and knowledge development through research projects. These projects contribute to the advancement of scientific knowledge and the development of practical solutions to societal and sustainability-related challenges. The following table 4 presents the relevant funded research projects undertaken by the university, including the funding agency, project duration, sanctioned funding and contribution to Sustainable Development Goal 12 (Responsible Consumption and Production), wherever

applicable. Total 19 research projects across 7 departments, mapped with UNSDG-12. All projects were supported through non-government funding.

Table 8: Consultancies Relted to SDG 12

S. No.	Consultancy Theme	Faculty/PI	Department	Contribution	Year
1	Formulation and Evaluation of herbal formulations, stability studies and shelf life studies of products	Dr. Sokindra Kumar, Subharti College of Pharmacy ,Swami Vivekanand Subharti University, Meerut	Subharti College of Pharmacy	Longer shelf life and validated stability reduce product spoilage and expiry-related waste. Herbal formulation work supports use of natural resources.	2024-2025
2	Supply chain control, drug license services, digital consultancy, market research, establishing retail and wholesale pharmacy	Dr. Neeru Singh, Dr. Kulsoom Hamid Subharti College of Pharmacy ,Swami Vivekanand Subharti University, Meerut	Subharti College of Pharmacy	Better supply chain control reduces losses and wastage of medicines in distribution. Licensing support promotes legal, quality-assured drug handling.	2024-2025
3	Conceptualization of It infrastructure system, on oral time maintenance of IT infrastructure policy design, providing different software programmes as per requirement etc.	Dr. Mukesh Ruhela, Subharti Institute of Technology & Engineering,Swami Vivekanand Subharti University, Meerut	Subharti Institute of Technology & Engineering	Planned infrastructure and maintenance policy support efficient use of IT resources and longer equipment life.	2024-2025

The above table highlights three consultancy activities undertaken by Swami Vivekanand Subharti University Meerut during 2024–2025. These activities cover herbal formulation and product stability, pharmaceutical supply chain management, and IT infrastructure development. They promote improved product quality, efficient distribution, and better utilisation of resources. Longer product shelf life may help reduce expiry-related waste.

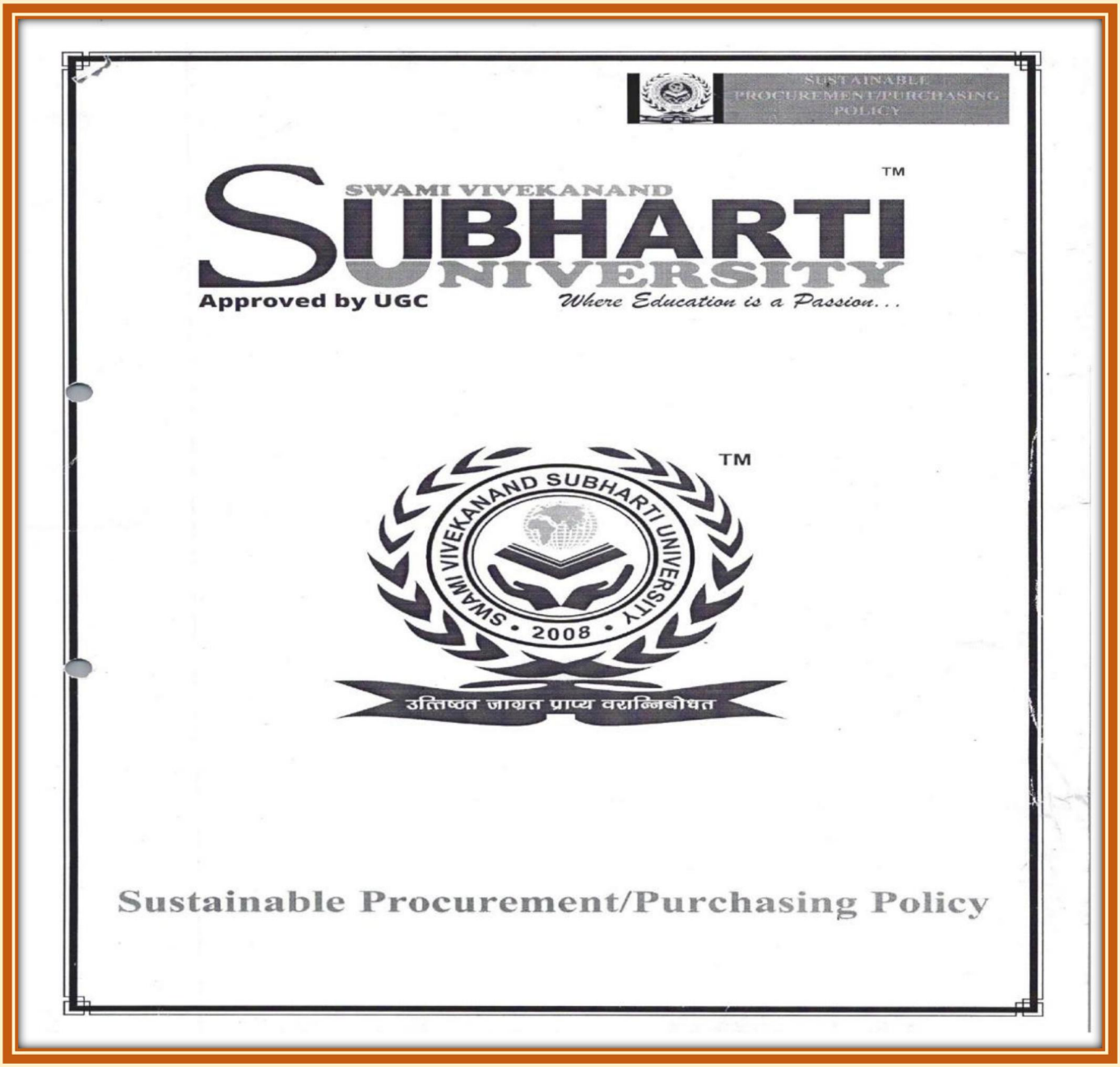
12.2 Operational Measures for Responsible Consumption and Production

The University applies the principles of responsible consumption and production to its own operations. This section presents the University's policies and practices on ethical sourcing of food and supplies, waste management and the safe disposal of hazardous materials, together with the documentary evidence that supports them.

12.2.1 Ethical Sourcing Policy for Food and Supplies

Swami Vivekanand Subharti University has an approved **Sustainable Procurement / Purchasing Policy**. The Policy applies to all faculties, colleges, departments, centres and community outreach wings and covers goods, services and construction projects. The Policy is put into practice through **FSSAI-licensed and registered food suppliers**, regular inspection of the mess for expiry dates, storage, pest control and hygiene, and **purchase orders** of cleaning, stationery, laboratory and technology that carry details and quality, expiry and delivery conditions.

Ethical Sourcing Policy for Food and Supplies





Sustainable Procurement/Purchasing Policy

S. No.	Particulars	Description
1	Policy Number	U-07/SVSU/2024/270
2	Policy Statement	Swami Vivekanand Subharti University is committed to integrating sustainability into all procurement and purchasing practices to support environmental protection, social responsibility, and economic efficiency. The University strives to ensure that all goods, services, and construction activities are procured through responsible and ethical sourcing methods that minimize environmental impact, promote resource efficiency, and encourage fair labour practices. Through this Sustainable Procurement/Purchasing Policy, the university aims to reduce its ecological footprint, support sustainable suppliers, and foster a culture of sustainability across all institutional operations and stakeholders
3	Scope of the Policy	This policy applies to all faculty, colleges, departments, centres, and community outreach wings of the University and to all procurement/purchasing activities, covering the acquisition of goods, services, and construction projects, with a preference for environmentally friendly, socially responsible, and economically sound products and services.
4	Policy Status	Original
5	Originated By	University Purchase Department
6	Reviewed By	Registrar
7	Effective Date of Policy	028/06/2024
8	Approving Authority	Hon'ble Vice Chancellor
9	Policy Review Date	

SWAMI VIVEKANAND SUBHARTI UNIVERSITY
Registrar

SUSTAINABLE PROCUREMENT/PURCHASING POLICY

1. Preamble:

Swami Vivekanand Subharti University, Meerut, is committed to fostering sustainability through responsible procurement and purchase practices. Recognizing the significant impact purchasing decisions have on the environment, society, and economy, the University has established this Sustainability Procurement/Purchasing Policy. This policy aims to integrate sustainability into all procurement/purchase processes by promoting ethical sourcing, reducing environmental impact, and supporting local businesses where possible.

2. Objective:

The primary objective of this policy is to ensure that all procurement decisions align with the institution's commitment to environmental stewardship, social responsibility, and economic viability. Through sustainable procurement/purchase, the University seeks to minimize its ecological footprint and promote a culture of sustainability across all operations.

3. Principles:

3.1. **Environmental Sustainability:** Prioritize products and services with lower environmental impacts, including energy-efficient products, recycled materials, and those with minimal packaging.

3.2. **Social Responsibility:** Promote fair trade practices, ethical sourcing, and respect for human rights throughout the supply chain.

3.3. **Economic Responsibility**: Support local suppliers and small businesses, contributing to the regional economy and reducing transportation-related emissions.

3.4. **Resource Efficiency**: Encourage the use of renewable resources, reduce waste generation, and promote circular economy practices.

3.5. **Compliance and Transparency**: Ensure all vendors comply with environmental regulations and provide transparent information about their sustainability practices.

3.6. **Implementation Strategies & Evaluation Criteria**: Sustainability factors are integrated into the evaluation criteria for all procurement & purchase decisions. This includes: Lifecycle costing, Environmental certifications (e.g., Energy Star, Bureau of Energy Efficiency (BEE) star ratings), Supplier codes of conduct and sustainability practices, Local sourcing opportunities, and ensuring economic viability and quality standards.

4. Sustainable Procurement/Purchasing Policy

- **Vendor Evaluation**: Develop criteria to assess suppliers' sustainability policies, including certifications, environmental management systems, and corporate social responsibility initiatives.

SWAMI VIVEKANAND SUBHARTI UNIVERSITY Registrar MEERUT

- **Green Product Preferences**: Give preference to products that are certified eco-friendly, biodegradable, recyclable, or made from renewable resources.
- **Lifecycle Assessment**: Evaluate the environmental impact of products and services throughout their lifecycle, from raw material extraction to disposal.

4.1 Specific Actions:

4.1.1. Electronics: Purchase energy-efficient electronics with certifications like Energy Star and BEE star ratings. Ensure responsible e-waste disposal in compliance with the E-waste (Management) Rules, 2016.

4.1.2. Furniture and Supplies: Prioritize durable, energy-efficient furniture made from recycled materials. Choose reusable or recyclable supplies wherever practical.

4.1.3. Cleaning and Janitorial Products: Use environmentally friendly cleaning products with low toxicity and biodegradability.

4.1.4. Construction and Renovation: Follow green building standards like LEED or IGBC guidelines. Use sustainable materials with low embodied energy, such as recycled steel and fly ash bricks, for further construction activities.

4.1.5. Transportation: Support sustainable transportation options, including electric vehicles and public transport, with infrastructure for EV charging stations on campus.

5. Policy Review:

This policy shall be reviewed as and when required to ensure alignment with emerging sustainability practices, institutional priorities, and regulatory requirements.



Swami Vivekanand Subharti University, Meerut is committed to responsible, transparent and sustainable procurement of food and other supplies. The University has established institutional procurement and resource-utilisation frameworks to promote responsible purchasing, efficient use of resources, quality assurance and accountable engagement with suppliers. The University's ethical sourcing and procurement practices are supported by the Sustainable Procurement / Purchasing Policy and implemented through supplier documentation, food-safety compliance and inspection practices. To achive UNSDG indicator 12.2.1 Sustainable Procurement / Purchasing Policy is aopted by the university; this policy provides an institutional framework for systematic procurement, responsible sourcing and efficient utilisation of University resources.

For the Implementation of Ethical Sourcing policy - university implemented its procurement framework through identified suppliers/vendors and established purchasing procedures. Suppliers engaged for food and other supplies are expected to meet applicable quality, regulatory and certification requirements. For food procurement, applicable food-safety, quality and regulatory requirements are considered as part of supplier selection and procurement activities. The University maintains supplier, procurement related records to support transparency, accountability and verification of its sourcing practices. The attached evidence specifically demonstrates supplier food-safety registration/licensing and food/mess inspection practices. Through these processes, university integrates responsible sourcing, regulatory compliance, quality considerations and efficient resource utilisation into its procurement practices.

FSSAI Registration / Licensing

The following table provides a consolidated summary of the Food Safety and Standards Authority of India (FSSAI) registration certificates as supporting evidence for the University's food suppliers/vendors. These documents demonstrate that the relevant food suppliers/vendors hold valid food-safety registrations and comply with applicable regulatory requirements for food-related activities. Copies of the respective registration certificates are attached below for verification

Registerd Food Vendor's list

S. No.	Name of Food Business Operator (FBO)	FSSAI Registration No.	Address of Food Business / Service Location	Date of Issue	Valid Up To	Evidence Attached
1	Shubh Edible Products PVT. LTD.	22721671000105	PG Hostel Mess, Subharti University, Ward No. 32 Sabun Godam, Zone-1, Meerut, UP-250002	20-07-2022	19-07-2027	FSSAI Registration Certificate
2	Rakhi confectionery (Prop. Bavita Solanki W/O Vishvajeet singh)	22718671000137	Vivekanand Subharti University-NH 58 Baghpat Bypass, ward no. 3 Maliyana Zone-1	31-12-2022	31-12-2027	FSSAI Registration Certificate
3	Mars Café Swami Vivekanand Subharti University Delhi Haridwar Bypass Road, Meerut	12721051000097	Swami Vivekanand Subharti University, Delhi Haridwar Bypass road meerut	28-02-2021	27-02-2026	FSSAI Registration Certificate
4	(**Milk Products**) Shree Ram Social Welfare Trust Village-Kaacha, Deverput Pratapgharh, Deverpur, Kunda Tahasil pratapgarh UP	22720356000303	KH No-298/302 Meghrajpur, Garh Road, Mawana Meerut Meghrajpur Mawana Tahsil Meerut Uttar Pradesh	03-01-2024	18-01-2027	FSSAI Registration Certificate
5.	Suchit Food suppliers (Prop.suchit ahuja S/O shri subhash chand ahuja) 11 Rajput quarte purvah shahpir Ibrahim Baksh,Zone-7 Meerut Uttar Pradesh	22772467100 0163	Swami Vivekanand Subharti University Delhi Road NH 58 Meerut, Ward No. 32 Sabun Godam, ZONE-1, Meerut Uttar Pradesh-250002	16-09-2024	15-09-2025	FSSAI Registration Certificate
6.	M/S Basket Case Super Store (Prop.Ankurpreet Singh Grover)C-11 Sector- Ved Vyaspuri, ZONE-2 Meerut UP	22722672000256	Subharti University, Subhartipuram, NH 58 Delhi Haridwar Bypass road meerut Ward 26 Kanshi , Zone-2 Meerut UP	22-08-2022	21-08-2027	FSSAI Registration Certificate

The above table presents Food Business Operators (FBOs) associated with food supply and services at Swami Vivekanand Subharti University. The listed FBOs have FSSAI registration certificates documenting their food business registration and validity periods. Maintaining records of registered food suppliers supports responsible procurement, food safety, and accountability in campus food services. These records contribute to the University's efforts towards safe and responsible food sourcing under SDG 12.

Copies of FSSAI Licences / Registration Certificates of Food Suppliers

SHUBH EDIBLE PRODUCTS PVT. LTD.

Registration Certificate
Government of Uttar Pradesh
Department of Food Safety and Drug Administration
Food Safety and Standards Authority of India
Registration Certificate under FSS Act, 2006

पंजीकरण संख्या / Registration Number: **22721671000105**



1.	Name and permanent address of Food Business Operator (FBO) / खाद्य व्यापार ऑपरेटर का नाम और स्थायी पता:	SHUBH EDIBLE PRODUCTS PVT.LTD. 215, ANANDI PURI , RAILWAY , Ward No. 32 Sabun Godam , ZONE- 1, Meerut, Uttar Pradesh-250002
2.	Address of location where food business is to be conducted / premises / स्थान का पता जहां खाद्य व्यापार / परिसर है:	PG HOSTEL MESS , SUBHARTI UNIVERSITY , Ward No. 32 Sabun Godam, ZONE- 1, Meerut, Uttar Pradesh - 250002
3.	Kind of Business / कारोबार का प्रकार:	Club/Canteen
4.	Photo Identity Card / फोटो पहचान पत्र(विवरण) :	N/A

This Registration certificate is issued under and is subject to the provisions of FSS Act, 2006 all of which must be complied with by the petty food business. / यह पंजीकरण खाद्य संरक्षा और मानक अधिनियम, 2006 के अधीन अनुदत्त की गई और वह अधिनियम के उपबंधो के अध्यादीन है जिनका अनुज्ञप्तिधारी द्वारा अवश्य पालन किया जाना चाहिए.

Place / स्थान: Meerut

Registering Authority

Issued On / दिनांक: 20-07-2022 (Renewal Registration)

Valid Upto: / वैधता: 19-07-2027 (For details, refer Annexure)

Annexures:
1. Product Annexure
2. Validity Annexure
3. Registration Id Card

Note:

1. **Application for renewal of Registration Certificate can be filed as early as 180 days prior to expiry date of Registration Certificate. You can file application for renewal or modification of Registration Certificate by login into FSSAI's Food Safety Compliance System(https://foscos.fssai.gov.in) with your user id and password or call us at 1800112100 for any clarification.**
2. **This Registration Certificate is only to commence or carry on food businesses and not for any other purpose.**
3. **This is computer generated Registration Certificate and doesn't require any signature or stamp by authority.**
4. **This Registration Certificate is allowed to conduct food businesses activities having annual turnover upto Rs. 12 Lacs only.**

Page 1 of 4

Name of Food Category of Shubh Edible Products Pvt. Ltd.

Product Annexure

Registration Certificate
Government of Uttar Pradesh
Department of Food Safety and Drug Administration
Food Safety and Standards Authority of India
Registration Certificate under FSS Act, 2006

पंजीकरण संख्या / Registration Number: **22721671000105**
Detail(s) of Food Item

[**Note:**Only standardised food products are allowed to be manufactured as per the list available on FoSCoS.]

Other then Manufacturer Unit	
Sl. No	**Name of the food category**
1	14 - Beverages, excluding dairy products
2	16 - Prepared Foods
3	15 - Ready-to-eat savouries

Page 2 of 4

Validation and Renewal Annexure of Shubh Edible Products Pvt.

Validation And Renewal Annexure

Registration Certificate
Government of Uttar Pradesh
Department of Food Safety and Drug Administration
Food Safety and Standards Authority of India
Registration Certificate under FSS Act, 2006

पंजीकरण संख्या / Registration Number: **22721671000105**

Validity From	Validity Upto	Issued On	Fee Paid	Type
07-07-2021	06-07-2022	07-07-2021	100 INR	New
07-07-2021	06-07-2022	15-07-2021	100 INR	Modification
20-07-2022	19-07-2027	20-07-2022	800 INR	Renewal

Suspension History

S.No	History	Date
N/A		

Current Status of Registration: Registration Certificate issued

Note:

1. **Application for renewal of Registration Certificate can be filed as early as 180 days prior to expiry date of Registration Certificate. You can file application for renewal or modification of Registration Certificate by login into FSSAI's Food Safety Compliance System(https://foscos.fssai.gov.in) with your user id and password or call us at 1800112100 for any clarification.**

Page 3 of 4

Registration and ID Card of Shubh Edible Products Pvt. Ltd.

Registration ID Card

Registration ID Card

fssai

Registration ID:	**22721671000105**
Valid Upto:	19-07-2027
Name:	SHUBH EDIBLE PRODUCTS PVT.LTD.
Address:	PG HOSTEL MESS , SUBHARTI UNIVERSITY , Ward No. 32 Sabun Godam, ZONE- 1, Meerut, Uttar Pradesh - 250002
KOB:	Club/Canteen
Govt ID Card:	N/A

Issuing Authority: Meerut **Issued On:** 20-07-2022

[Disclaimer:This Registration ID card is issued only for the provisions laid down under Food Safety and Standards Act, 2006 and hence, shall not be used for any other purpose.]

Page 4 of 4

Rakhi Confectionery (Prop. Bavita Solanki W/o Vishvajeet Singh)

Registration Certificate
Government of Uttar Pradesh
Department of Food Safety and Drug Administration
Food Safety and Standards Authority of India
Registration Certificate under FSS Act, 2006

पंजीकरण संख्या / Registration Number: **22718671000137**



1.	Name and permanent address of Food Business Operator (FBO) / खाद्य व्यापार ऑपरेटर का नाम और स्थायी पता:	Rakhi Confectionery (Prop.Bavita Solanki W/O Vishvajeet Singh) R/O D-24 Rishi Nagar,Maliyana , Ward No. 3 Maliyana , ZONE- 1, Meerut, Uttar Pradesh-250002
2.	Address of location where food business is to be conducted / premises / स्थान का पता जहां खाद्य व्यापार / परिसर है:	Vivekanand Subhrati University,NH-58 Baghpat Bypass, Ward No. 3 Maliyana, ZONE- 1, Meerut, Uttar Pradesh - 250002
3.	Kind of Business / कारोबार का प्रकार:	Retailer
4.	Photo Identity Card / फोटो पहचान पत्र(विवरण) :	N/A

This Registration certificate is issued under and is subject to the provisions of FSS Act, 2006 all of which must be complied with by the petty food business. / यह पंजीकरण खाद्य सुरक्षा और मानक अधिनियम, 2006 के अधीन जारी की गई और वह अधिनियम के उपबंधों के अध्यधीन है जिनका क्षुद्र खाद्य व्यापारी द्वारा अवश्य पालन किया जाना चाहिए.

Place / स्थान: Meerut
Issued On / दिनांक: 31-12-2022 (Renewal Registration)
Valid Upto: / वैधता: 31-12-2027 (For details, refer Annexure)

Registering Authority
Date : 31-12-2022 07:59:43 IST
User ID : XXXXXXXXXXry

Annexures:
1. Product Annexure
2. Validity Annexure
3. Registration Id Card

Note:
1. Application for renewal of Registration Certificate can be filed as early as 180 days prior to expiry date of Registration Certificate. You can file application for renewal or modification of Registration Certificate by login into FSSAI's Food Safety Compliance System(https://foscos.fssai.gov.in) with your user id and password or call us at 1800112100 for any clarification.
2. This Registration Certificate is only to commence or carry on food businesses and not for any other purpose.
3. This is computer generated Registration Certificate and doesn't require any signature of the authority.
4. This Registration Certificate is allowed to conduct food businesses activities having annual turnover upto Rs. 12 Lacs only.

इस प्रपत्र को अन्तिम तिथि से [illegible] नवीनीकरण कराएं अन्यथा कार्यवाही की जायेगी।

इस प्रपत्र को दुकान/प्रतिष्ठान में उचित स्थान पर प्रदर्शित करें।

Page 1 of 4

Mars Café Swami Vivekanand Subharti University Delhi Haridwar

Form C

Government of Uttar Pradesh

Department of Food Safety and Drug Administration

Food Safety and Standards Authority of India

License under FSS Act, 2006

अनुज्ञप्ति संख्या / License Number: **12721051000097**

1.	Name & Registered Office address of Licensee / अनुज्ञप्तिधारी के पंजीकृत कार्यालय का नाम और पता:	MARS CAFE SWAMI VIVEKANAND SUBHARTI UNIVERSITY, DELHI HARIDWAR BYEPASS ROAD, MEERUT, Meerut, Uttar Pradesh-250002
2.	Address of Authorized Premises / प्राधिकृत परिसरो का पता:	SWAMI VIVEKANAND SUBHARTI UNIVERSITY, DELHI HARIDWAR BYEPASS ROAD, MEERUT, ZONE- 1, Meerut, Uttar Pradesh-250002
3.	Kind of Business / कारोबार का प्रकार:	Manufacturer - General Manufacturing Trade/Retail - Retailer
4.	Dairy Business Details / डेयरी कारोबार विवरण हेतु :	No
5.	Category of License / अनुज्ञप्ति का वर्ग:	**State License**

This license is granted under and is subject to the provisions of FSS Act, 2006 all of which must be complied with by the licensee. / यह अनुज्ञप्ति खाद्य संरक्षा और मानक अधिनियम, 2006 के अधीन अनुदत्त की गई और वह अधिनियम के उपबंधो के अध्यादीन है जिनका अनुज्ञप्तिधारी द्वारा अवश्य पालन किया जाना चाहिए.

Place / स्थान: Meerut

Issued On / दिनांक: 28-02-2021 (New License)

Valid Upto: / वैधता: 27-02-2026 (For details, refer Annexure)

Designated Officer
नामित अधिकारी

Annexures:

1. Product Annexure
2. Validity Annexure
3. Non-Form C Annexure
4. Conditions Of License

Note:

1. **Application for renewal of License can be filed as early as 180 days prior to expiry date of License. You can file application for renewal or modification of License by login into FSSAI's Food Safety Compliance System(https://foscos.fssai.gov.in) with your user id and password or call us at 1800112100 for any clarification.**
2. **This License is only to commence or carry on food businesses and not for any other purpose.**
3. **This is computer generated license and doesn't require any signature or stamp by authority.**

Page 1 of 6

(Milk Products) Shree Ram Social Welfare Trust Village-Kaacha, Deverput Pratapgharh, Deverpur, Kunda Tahasil Pratapgarh UP

देवकी नन्दन गौशाला

fssai

Registration Certificate
Government of Uttar Pradesh
Department of Food Safety and Drug Administration
Food Safety and Standards Authority of India
Registration Certificate under FSS Act, 2006

पंजीकरण संख्या / Registration Number: 22720356000303



1.	Name and permanent address of Food Business Operator (FBO) / खाद्य व्यापार ऑपरेटर का नाम और स्थायी पता:	SHREE RAM SOCIAL WELFARE TRUST VILLAGE-KAACHA, DEVERPUR, PRATAPGARH , Deverpur , Kunda Tahsil, Pratapgarh, Uttar Pradesh-230129
2.	Address of location where food business is to be conducted / premises / स्थान का पता जहां खाद्य व्यापार / परिसर है:	KH.NO.-298/302, MEGHRAJPUR, GARH ROAD, MAWANA, MEERUT, Meghrajpur, Mawana Tahsil, Meerut, Uttar Pradesh - 250001
3.	Kind of Business / कारोबार का प्रकार:	Retailer
4.	Photo Identity Card / फोटो पहचान पत्र(विवरण) :	N/A

This Registration certificate is issued under and is subject to the provisions of FSS Act, 2006 all of which must be complied with by the petty food business. / यह पंजीकरण खाद्य संरक्षा और मानक अधिनियम, 2006 के अधीन जारी किया गया है और यह अधिनियम के सभी प्रावधानों के अध्यधीन है जिनका अनुज्ञप्तिधारी द्वारा अवश्य पालन किया जाना चाहिए.

Registering Authority

Place / स्थान: Meerut
Issued On / दिनांक: 03-01-2024 (Renewal Registration)
Valid Upto: / वैधता: 18-01-2027 (For details, refer Annexure)

Annexures:
1. Product Annexure
2. Validity Annexure
3. Registration Id Card

Note:

1. **Application for renewal of Registration Certificate can be filed as early as 180 days prior to expiry date of Registration Certificate. You can file application for renewal or modification of Registration Certificate by login into FSSAI's Food Safety Compliance System(https://foscos.fssai.gov.in) with your user id and password or call us at 1800112100 for any clarification.**
2. **This Registration Certificate is only to commence or carry on food businesses and not for any other purpose.**
3. **This is computer generated Registration Certificate and doesn't require any signature or stamp by authority.**
4. **This Registration Certificate is allowed to conduct food businesses activities having annual turnover upto Rs. 12 Lacs only.**

Suchit Food suppliers (Prop.Suchit Ahuja S/o Shri Subhash Chand Ahuja) 11 Rajput quarte purvah shahpir Ibrahim Baksh, Zone-7 Meerut Uttar Pradesh

Registration Certificate
Government of Uttar Pradesh
Department of Food Safety and Drug Administration
Food Safety and Standards Authority of India
Registration Certificate under FSS Act, 2006

पंजीकरण संख्या / Registration Number: **22724671000163**



1.	Name and permanent address of Food Business Operator (FBO) / खाद्य व्यापार ऑपरेटर का नाम और स्थायी पता:	Suchit Food suppliers (prop. Suchit Ahuja S/O shri Subhash Chand Ahuja) 11 Rajput quarter purvah shahpir jahid Meerut , Ward No. 54 Purwa Ibrahim Baksh , ZONE- 7, Meerut, Uttar Pradesh-250004
2.	Address of location where food business is to be conducted / premises / स्थान का पता जहां खाद्य व्यापार / परिसर है:	Swami vivekanand subharti University delhi road NH 58 Meerut , Ward No. 32 Sabun Godam, ZONE- 1, Meerut, Uttar Pradesh - 250002
3.	Kind of Business / कारोबार का प्रकार:	Retailer
4.	Photo Identity Card / फोटो पहचान पत्र(विवरण) :	N/A

This Registration certificate is issued under and is subject to the provisions of FSS Act, 2006 all of which must be complied with by the petty food business. / यह पंजीकरण खाद्य संरक्षा और मानक अधिनियम, 2006 के अधीन अनुदत्त की गई और वह अधिनियम के उपबंधो के अध्यधीन है जिनका अनुज्ञप्तिधारी द्वारा अवश्य पालन किया जाना चाहिए.

Place / स्थान: Meerut
Issued On / दिनांक: 16-09-2024 (New Registration)
Valid Upto: / वैधता: 15-09-2025 (For details, refer Annexure)

Registering Authority
Date : 16-09-2024 21:57:53
User Id : 109182
License Issued On : 16-09-2024 21:57:53

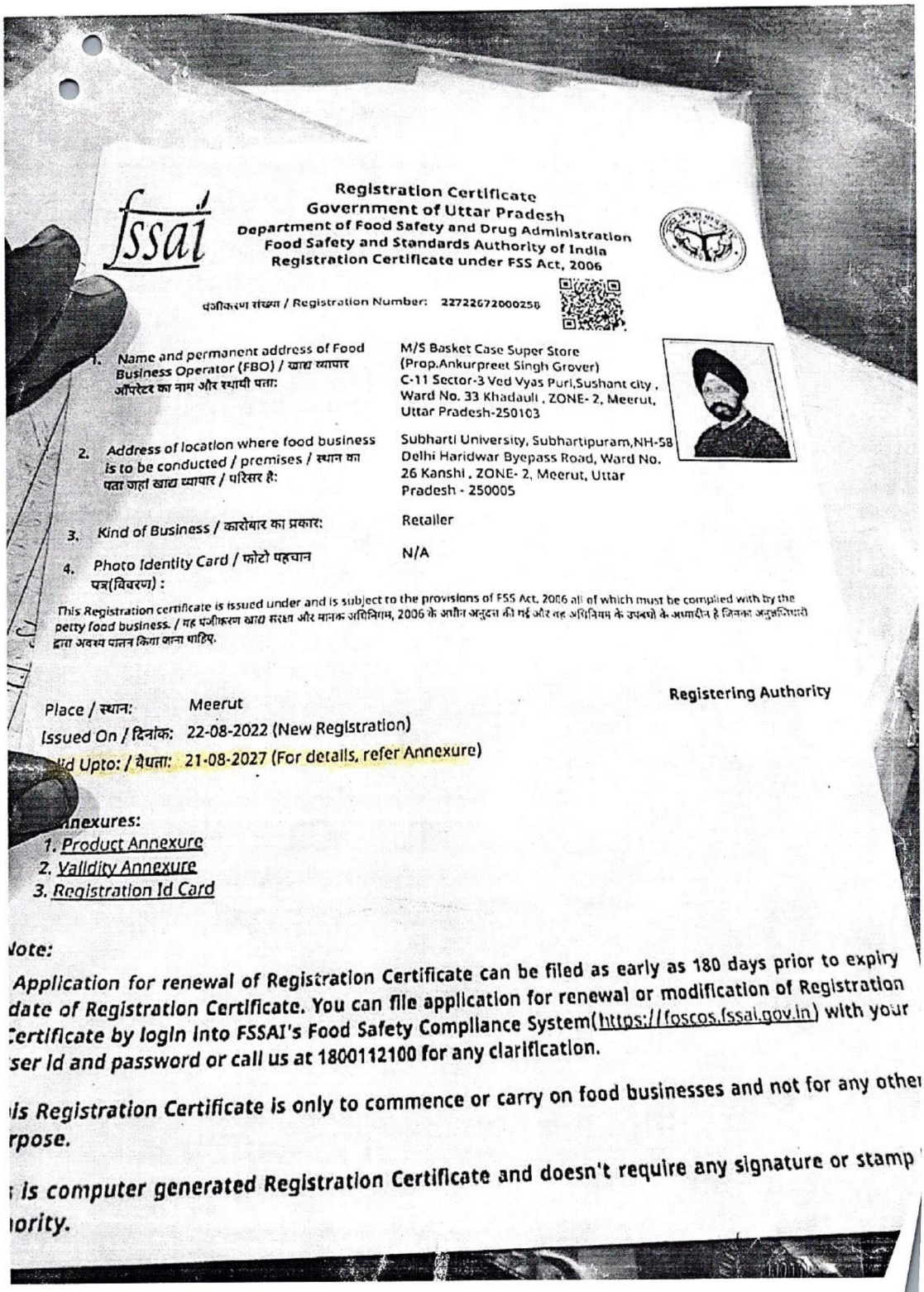
Annexures:
1. Product Annexure
2. Validity Annexure
3. Registration Id Card

Note:

1. **Application for renewal of Registration Certificate can be filed as early as 180 days prior to expiry date of Registration Certificate. You can file application for renewal or modification of Registration Certificate by login into FSSAI's Food Safety Compliance System(https://foscos.fssai.gov.in) with your user id and password or call us at 1800112100 for any clarification.**
2. **This Registration Certificate is only to commence or carry on food businesses and not for any other purpose.**
3. **This is computer generated Registration Certificate and doesn't require any signature or stamp by authority.**

Page 1 of 5

M/S Basket Case Super Store (Prop.Ankurpreet Singh Grover) C-11 Sector-Ved Vyaspuri, ZONE-2 Meerut UP



fssai

Registration Certificate
Government of Uttar Pradesh
Department of Food Safety and Drug Administration
Food Safety and Standards Authority of India
Registration Certificate under FSS Act, 2006

पंजीकरण संख्या / Registration Number: 22722672000258

1.	Name and permanent address of Food Business Operator (FBO) / खाद्य व्यापार ऑपरेटर का नाम और स्थायी पता:	M/S Basket Case Super Store (Prop.Ankurpreet Singh Grover) C-11 Sector-3 Ved Vyas Puri,Sushant city , Ward No. 33 Khadauli , ZONE- 2, Meerut, Uttar Pradesh-250103
2.	Address of location where food business is to be conducted / premises / स्थान का पता जहां खाद्य व्यापार / परिसर है:	Subharti University, Subhartipuram,NH-58 Delhi Haridwar Byepass Road, Ward No. 26 Kanshi , ZONE- 2, Meerut, Uttar Pradesh - 250005
3.	Kind of Business / कारोबार का प्रकार:	Retailer
4.	Photo Identity Card / फोटो पहचान पत्र(विवरण) :	N/A

This Registration certificate is issued under and is subject to the provisions of FSS Act, 2006 all of which must be complied with by the petty food business. / यह पंजीकरण खाद्य सरक्षा और मानक अधिनियम, 2006 के अधीन अनुदत्त की गई और यह अधिनियम के उपबंधो के अधीन है जिनका अनुज्ञप्तिधारी द्वारा अवश्य पालन किया जाना चाहिए.

Registering Authority

Place / स्थान: Meerut
Issued On / दिनांक: 22-08-2022 (New Registration)
Valid Upto: / वैधता: 21-08-2027 (For details, refer Annexure)

Annexures:
1. Product Annexure
2. Validity Annexure
3. Registration Id Card

Note:
Application for renewal of Registration Certificate can be filed as early as 180 days prior to expiry date of Registration Certificate. You can file application for renewal or modification of Registration Certificate by login into FSSAI's Food Safety Compliance System(https://foscos.fssai.gov.in) with your user id and password or call us at 1800112100 for any clarification.

This Registration Certificate is only to commence or carry on food businesses and not for any other purpose.

This is computer generated Registration Certificate and doesn't require any signature or stamp from authority.

Renewal of M/s Basket Case Super Store (Prop.Ankurpreet Singh Grover) C-11 Sector- Ved Vyaspuri, ZONE-2 Meerut UP

Validation And Renewal Annexure

fssai

Registration Certificate
Government of Uttar Pradesh
Department of Food Safety and Drug Administration
Food Safety and Standards Authority of India
Registration Certificate under FSS Act, 2006

पंजीकरण संख्या / Registration Number: **22724671000107**

Validity From	Validity Upto	Issued On	Fee Paid	Type
08-07-2024	07-07-2025	08-07-2024	100 INR	New

Suspension History

S.No	History	Date
N/A		

Current Status of Registration: Registration Certificate issued

Note:

1. **Application for renewal of Registration Certificate can be filed as early as 180 days prior to expiry date of Registration Certificate. You can file application for renewal or modification of Registration Certificate by login into FSSAI's Food Safety Compliance System(https://foscos.fssai.gov.in) with your user id and password or call us at 1800112100 for any clarification.**

Page 4 of 5

12.2.1.4 - Purchase Orders (Housekeeping, Stationery, Lab, Technology)

Cleaning Purchase Order (Sample 01) Date: 15/01/2024

OFFICE OF THE ADDL. REGISTRAR(PURCHASE)
SWAMI VIVEKANAND SUBHARTI UNIVERSITY
(A UNIT OF)
MAHAYANA THERAVADA VAJRAYANA BUDDHIST RELIGIOUS AND CHARITABLE TRUST
Subhartipuram, NH-58, By-Pass Meerut-250002 Ph. 0121-2439126
email-purchase@subharti.org, website-www.subharti.org

GST No. 09AADTS2638D1ZI
Purchase Order

Ref.No./MTV/P.O/81-JAI /2024/6507
Department Name: Central Store
Indent No: 100100124114043

Date:15/1/2024

To,
M/s JAI KISSAN KHADI BHANDAR
Address: 36 Khandak Bazar , Meerut
Contact Person: Mr. Rajender Tyagi
Contact No: 9412126241
Email Id: jaikishankhadi1944@gmail.com
Acc No.: 62390200000081
IFSC: BARB0DBMCTY GST No.:9ANMPK2810P1ZJ

With reference to your Quotation No. **N/A** Dated **12/15/2023 12:00:00 AM**, We are pleased to confirm our order for the following items, subject to the following terms & condition:

SN	ITEM ID	ITEMS NAME/ CODE/ WARRANTY	COMPANY	SPECIFICATION DETAILS/ REMARK	P.O. QTY.	Rate	Amount	GST(%)	Discount	Total
1	225986	Floor Duster (पोंछा) Pack of 1 X 1 Piece x 1944=1944 Piece Item Code: Warranty: 0	BQ	FLOOR DUSTER HANDLOOM CLOTH (19x19 Inch Weight = 80 gm)	1944	8.50	16524.00	5% CGST/SGST	0%	17350.20

Total:

Total	Total Discount	GST Total	Freight Charge:	Grand Total
16524.00	0	826.20	0	17350 (17350.20)

Terms & Conditions:

1. a. Delivery of material will be made through gate No. 3 after getting gate entry on bill, at our Central Store/final destination (if product needs), within 2-3 days.
   b. Loading/unloading/delivery charges are included in above amount.
   c. Breakage: Any breakage will be counted on supplier part before receiving of Central Store.
2. Financial terms:
   a. Payment: As per rules of the establishment.
   b. Tax mentioned as above, no other tax will be paid extra.
3. Date, batch number, lot number & expiry shall be mentioned in each bill. Items with expiry less 6 month shall not be accepted.
4. Items with unsatisfactory report from user department are liable to be returned as such.
5. Technical specifications are to match with order given & supplied.
6. Items with seals broken & tampered with, printed data scratched out not be accepted.
7. In case of any dispute, the decision of the Vice Chancellor of the University shall be final and applicable to both the parties.
8. Copy of order should be annexed with bill otherwise bill not be sent for payment process.
9. The court jurisdiction for any legal matter shall be Meerut Court
10. Late supply/repair/any type of job work (from the given lead time in condition no. 1) will be liable to pay penalty as and when will be imposed accordingly to losses of University.

SN	Demand No	Item Id	Item Name	QTY	Dept Name
1	100100124114043	225986	Floor Duster (पोंछा)	1944	Central Store

Prepared By:
Kamal

Verified By:
LOVELY MAHESHWARI
ADDITIONAL DIRECTOR PURCHASE

Cleaning Purchase Order (Sample 02) Date: 28/04/2025

OFFICE OF THE ADDL. DIRECTOR(PURCHASE)
SWAMI VIVEKANAND SUBHARTI UNIVERSITY
(A UNIT OF)
MAHAYANA THERAVADA VAJRAYANA BUDDHIST RELIGIOUS AND CHARITABLE TRUST
Subhartipuram, NH-58, By-Pass Meerut-250002 Ph. 0121-2439126
email-purchase@subharti.org, website-www.subharti.org

GST No. 09AADTS2638D1ZI
Purchase Order

Ref.No./MTV/P.O/81-JAI /2025/11566
Department Name: Central Store
Indent No: 100110425081832

Date:28/4/2025

To,
M/s JAI KISSAN KHADI BHANDAR
Address: 36 Khandak Bazar , Meerut
Contact Person: Mr. Rajender Tyagi
Contact No: 9412126241
Email Id: jaikishankhadi1944@gmail.com
Acc No.: 62390200000081
IFSC: BARB0DBMCTY GST No.:9ANMPK2810P1ZJ

With reference to your Quotation No. **N/A** Dated **12/18/2024 12:00:00 AM**, We are pleased to confirm our order for the following items, subject to the following terms & condition:

SN	ITEM ID	ITEMS NAME/ CODE/ WARRANTY(Yr)	COMPANY	SPECIFICATION DETAILS/ REMARK	P.O. QTY.	Rate	Amount	GST(%)	Discount	Total
1	330335	**Floor Duster (पोंछा)** Pack of 1 x 1 Piece X 2160=2160 Piece Item Code: Warranty: 0 Y	BQ	**Floor Duster Handloom Cloth (19x19 Inch) Weight = 80gm**	2160	8.50	18360.00	5% CGST/SGST	0%	19278.00

Total:

Total	Total Discount	GST Total	Freight Charge	Freight GST(%)	Grand Total
18360.00	0	918	0	0	**19278** 19278.00

Terms & Conditions:

1. a. Delivery of material will be made through gate No. 3 after getting gate entry on bill, at our Central Store/final destination (if product needs), within 2-3 days.
   b. Loading/unloading/delivery charges are included in above amount.
   c. Breakage: Any breakage will be counted on supplier part before receiving of Central Store.
2. Financial terms:
   a. Payment: As per rules of the establishment.
   b. Tax mentioned as above, no other tax will be paid extra.
3. Date, batch number, lot number & expiry shall be mentioned in each bill. Items with expiry less 6 month shall not be accepted.
4. Items with unsatisfactory report from user department are liable to be returned as such.
5. Technical specifications are to match with order given & supplied.
6. Items with seals broken & tampered with, printed data scratched out not be accepted.
7. In case of any dispute, the decision of the Vice Chancellor of the University shall be final and applicable to both the parties.
8. Copy of order should be annexed with bill otherwise bill not be sent for payment process.
9. The court jurisdiction for any legal matter shall be Meerut Court
10. Late supply/repair/any type of job work (from the given lead time in condition no. 1) will be liable to pay penalty as and when will be imposed accordingly to losses of University.

Payment Terms:

- 100% On Delivery after 30 day (**total amt 19278.00**)

SN	Demand No	Item Id	Item Name	QTY	Dept Name
1	100110425081832	330335	**Floor Duster (पोंछा)**	2160	Central Store

Prepared By:
Kamal

Verified By:
LOVELY MAHESHWARI
ADDITIONAL DIRECTOR PURCHASE

Cleaning Purchase Order (Sample 03) Date: 11/11/2025

OFFICE OF THE ADDL. DIRECTOR(PURCHASE)
SWAMI VIVEKANAND SUBHARTI UNIVERSITY
(A UNIT OF)
MAHAYANA THERAVADA VAJRAYANA BUDDHIST RELIGIOUS AND CHARITABLE TRUST
Subhartipuram, NH-58, By-Pass Meerut-250002 Ph. 0121-2439126
email-purchase@subharti.org, website-www.subharti.org
GST No. 09AADTS2638D1ZI

Purchase Order

Ref.No./MTV/P.O/414-GREE/2025/13801
Department Name: Central Store
Indent No: 100101125084328
Date:11/11/2025

To,
M/s GREEN ON ENTERPRISES
Address: C -19, Golf Live, Near Gokul Dham, Garh Road, Meerut
Contact Person: Mr. Amit Tyagi
Contact No: 9690346043
Email Id: greenonenterprises@rediffmail.com
Acc No.: 496601010036126
IFSC: UBIN0549665 GST No.:09AVJPT2248K1ZZ

With reference to your Quotation No. **N/A** Dated **7/27/2023 12:00:00 AM**, We are pleased to confirm our order for the following items, subject to the following terms & condition:

SN	ITEM ID	ITEMS NAME/ CODE/ WARRANTY(Yr)	COMPANY	SPECIFICATION DETAILS/ REMARK	P.O. QTY.	Rate	Amount	GST(%)	Discount	Total
1	429523	Dust Pan Pack of 1 X 1 Piece X 5=5 Piece Item Code: Warranty: 0	BQ	Dust Pan	5	17.92	89.60	18% CGST/SGST	0%	105.73
2	429524	Toilet Brush Pack of 1 X 1 Piece X 40=40 Piece Item Code: Warranty: 0	BQ	Toilet Brush	40	34	1360.00	18% CGST/SGST	0%	1604.80
3	429525	Wiper (वाइपर) Pack of 1 X 1 Piece X 40=40 Piece Item Code: Warranty: 0	Ekta	Wiper	40	115	4600.00	18% CGST/SGST	0%	5428.00
4	429540	Broom(झाड़ू) Pack of 1 X 1 Piece X 125=125 Piece Item Code: Warranty: 0	BQ	BROOM SOFT	125	63	7875.00	0% CGST/SGST	0%	7875.00

Total:

Total	Total Discount	GST Total	Freight Charge	Freight GST(%)	Grand Total
13924.60	0	1088.93	0	0	15014 15013.53

Terms & Conditions:

1. a. Delivery of material will be made through gate No. 3 after getting gate entry on bill, at our Central Store/final destination (if product needs), within 2-3 days.
   b. Loading/unloading/delivery charges are included in above amount.
   c. Breakage: Any breakage will be counted on supplier part before receiving of Central Store.
2. Financial terms:
   a. Payment: As per rules of the establishment.
   b. Tax mentioned as above, no other tax will be paid extra.
3. Date, batch number, lot number & expiry shall be mentioned in each bill. Items with expiry less 6 month shall not be accepted.
4. Items with unsatisfactory report from user department are liable to be returned as such.
5. Technical specifications are to match with order given & supplied.
6. Items with seals broken & tampered with, printed data scratched out not be accepted.
7. In case of any dispute, the decision of the Vice Chancellor of the University shall be final and applicable to both the parties.
8. Copy of order should be annexed with bill otherwise bill not be sent for payment process.
9. The court jurisdiction for any legal matter shall be Meerut Court
10. Late supply/repair/any type of job work (from the given lead time in condition no. 1) will be liable to pay penalty as and when will be imposed accordingly to losses of University.

Payment Terms:

Stationary Purchase Order Date: 15/10/2024

OFFICE OF THE ADDL. DIRECTOR(PURCHASE)
SWAMI VIVEKANAND SUBHARTI UNIVERSITY
(A UNIT OF)
MAHAYANA THERAVADA VAJRAYANA BUDDHIST RELIGIOUS AND CHARITABLE TRUST
Subhartipuram, NH-58, By-Pass Meerut-250002 Ph. 0121-2439126
email-purchase@subharti.org, website-www.subharti.org

GST No. 09AADTS2638D1ZI
Purchase Order

Ref.No./MTV/P.O/36- AGA/2024/9632
Department Name: G.S. Dhillon Central Library, Central Store
Indent No: 100091024022813,100091024025747,15091024092636

Date:15/10/2024

To,
M/s Agarwal Stationers
Address: Gandhi Ashram Chowk Garh Road, Meerut.
Contact Person: Mr. Manish Agarwal
Contact No: 9412082939
Email Id: manishagarwal02203@gmail.com
Acc No.: 1323738251
IFSC: CBIN0281194 GST No.:09ADBPA9739L1Z7

With reference to your Quotation No. **N/A** Dated **12/22/2023 12:00:00 AM**, We are pleased to confirm our order for the following items, subject to the following terms & condition:

SN	ITEM ID	ITEMS NAME/ CODE/ WARRANTY	COMPANY	SPECIFICATION DETAILS/ REMARK	P.O. QTY.	Rate	Amount	GST(%)	Discount	Total
1	285843	**Cello Tape** Pack of 1 X 1 Piece X 30=30 Piece Item Code: Warranty: 0	AVON/CLASSIC	**Cello Tape 1.5"** URGENT, 1.5 INCH CELLO TAPE USE TO BE PLACED OVER LOCATION TAGS ON BOOKS	30	28	840.00	18% CGST/SGST	0%	991.20
2	286042	**File** Pack of 1 X 1 Nos X 140=140 Nos Item Code: Warranty: 0	BQ	**2-D RING FILE**	140	29.50	4130.00	18% CGST/SGST	0%	4873.40
3	286043	**Register (Staff Attendance)** Pack of 1 X 1 Piece X 50=50 Piece Item Code: Warranty: 0	BQ	**ATTENDANCE REGISTER STAFF**	50	79	3950.00	18% CGST/SGST	0%	4661.00
4	286044	**Attendance Register** Pack of 1 X 1 Piece X 100=100 Piece Item Code: Warranty: 0	BQ	**ATTENDANCE REGISTER STUDENT**	100	57	5700.00	18% CGST/SGST	0%	6726.00
5	286045	**Tape** Pack of 1 X 1 Piece X 72=72 Piece Item Code: Warranty: 0	AVON/CLASSIC	**BROWN TAPE 2"**	72	37	2664.00	18% CGST/SGST	0%	3143.52
6	286046	**Tape** Pack of 1 X 1 Piece X 48=48 Piece Item Code: Warranty: 0	AVON/CLASSIC	**BROWN TAPE 3"**	48	57	2736.00	18% CGST/SGST	0%	3228.48
7	286047	**Calculator** Pack of 1 X 1 Piece X 10=10 Piece Item Code: Warranty: 0	CASIO		10	338.99	3389.90	18% CGST/SGST	0%	4000.08
8	286048	**Carbon Paper** Pack of 1 X 1 Piece X 1000=1000 Piece Item Code: Warranty: 0	KORES	**1 PACKET = 100 SHEETS**	10	138	1380.00	18% CGST/SGST	0%	1628.40
9	286049	**Cello Tape** Pack of 1 X 1 Piece X 144=144 Piece Item Code: Warranty: 0	AVON/CLASSIC	**CELLO TAPE 1"**	144	18.60	2678.40	18% CGST/SGST	0%	3160.51
10	286050	**Cello Tape** Pack of 1 X 1 Piece X 72=72 Piece Item Code: Warranty: 0	AVON/CLASSIC	**CELLO TAPE 2"**	72	43	3096.00	18% CGST/SGST	0%	3653.28
11	286051	**Cello Tape** Pack of 1 X 1 Piece X 48=48 Piece Item Code: Warranty: 0	AVON/CLASSIC	**CELLO TALE 3"**	48	50	2400.00	18% CGST/SGST	0%	2832.00
12	286053	**Dak Folder** Pack of 1 X 1 Nos X 30=30 Nos Item Code: Warranty: 0	BQ	**DAK PAD**	30	48	1440.00	18% CGST/SGST	0%	1699.20

SN	Demand No	Item Id	Item Name	QTY	Dept Name
1	100091024022813	286058	Pen	1600	Central Store
2	100091024025747	286068	Tape Dispenser	5	Central Store
3	100091024022813	286053	Dak Folder	30	Central Store
4	100091024022813	286056	Index File	100	Central Store
5	100091024022813	286059	Pencil	1000	Central Store
6	100091024022813	286043	Register (Staff Attendance)	50	Central Store
7	100091024022813	286048	Carbon Paper	10	Central Store
8	100091024022813	286057	OHP Marker	50	Central Store
9	100091024025747	286069	Thread Roll	36	Central Store
10	100091024025747	286071	White Fluid	200	Central Store
11	100091024025747	286067	Sticker	100	Central Store
12	100091024022813	286042	File	140	Central Store
13	100091024022813	286054	Fevi Stick	140	Central Store
14	100091024022813, 15091024092636	285943, 286049, 286050, 286051	Cello Tape	294	Central Store, G.S. Dhillon Central Library
15	100091024022813	286065	Stamp Pad	60	Central Store
16	100091024022813	286044	Attendance Register	100	Central Store
17	100091024022813	286055	Gum Bottles	60	Central Store
18	100091024022813	286047	Calculator	10	Central Store
19	100091024022813	286045, 286046	Tape	120	Central Store
20	100091024022813	286060	Permanent Marker	100	Central Store
21	100091024022813	286063	Scale	50	Central Store

Prepared By:
Kamal

Verified By:
LOVELY MAHESHWARI
ADDITIONAL DIRECTOR PURCHASE

SN	ITEM ID	ITEMS NAME/ CODE/ WARRANTY	COMPANY	SPECIFICATION DETAILS/ REMARK	P.O. QTY.	Rate	Amount	GST(%)	Discount	Total
13	286054	**Fevi Stick** Pack of 1 X 1 Piece X 140=140 Piece Item Code: Warranty: 0	ARTLINE		140	22.04	3085.60	18% CGST/SGST	0%	3641.01
14	286055	**Gum Bottles** Pack of 1 X 1 Bottle X 60=60 Bottle Item Code: Warranty: 0	BQ	GUM BOTTLES 150 ML	60	20	1200.00	18% CGST/SGST	0%	1416.00
15	286056	**Index File** Pack of 1 X 1 Piece X 100=100 Piece Item Code: Warranty: 0	BQ	INDEX FILE BIG	100	47	4700.00	18% CGST/SGST	0%	5546.00
16	286057	**OHP Marker** Pack of 1 X 1 Piece X 50=50 Piece Item Code: Warranty: 0	LUXER	OHP MARKER	50	18	900.00	18% CGST/SGST	0%	1062.00
17	286058	**Pen** Pack of 1 X 1 Piece X 1620=1620 Piece Item Code: Warranty: 0	PARAS DOLA	PEN USE & THROW BLUE	1600	1.96	3136.00	18% CGST/SGST	0%	3700.48
18	286059	**Pencil** Pack of 1 X 1 Piece X 1000=1000 Piece Item Code: Warranty: 0	NATRAJ	PENCIL WOODEN	1000	2.25	2250.00	18% CGST/SGST	0%	2655.00
19	286060	**Permanent Marker** Pack of 1 X 1 Piece X 100=100 Piece Item Code: Warranty: 0	LUXER	PERMANENT MARKER BLACK	100	14	1400.00	18% CGST/SGST	0%	1652.00
20	286063	**Scale** Pack of 1 X 1 Piece X 50=50 Piece Item Code: Warranty: 0	BQ	SCALE STEEL 12"	50	10	500.00	18% CGST/SGST	0%	590.00
21	286065	**Stamp Pad** Pack of 1 X 1 Piece X 60=60 Piece Item Code: Warranty: 0	SUPREME	STAMP PAD BLUE	60	20	1200.00	18% CGST/SGST	0%	1416.00
22	286067	**Sticker** Pack of 1 X 1 Packet X 100=100 Packet Item Code: Warranty: 0	BQ	STICKER GREEN 6 NO. (1 PACKET = 1000 STICKERS)	100	55	5500.00	18% CGST/SGST	0%	6490.00
23	286068	**Tape Dispenser** Pack of 1 X 1 Piece X 5=5 Piece Item Code: Warranty: 0	SUMO/PULO	TAPE DISPENSER	5	88	440.00	18% CGST/SGST	0%	519.20
24	286069	**Thread Roll** Pack of 1 X 1 Roll X 35=35 Roll Item Code: Warranty: 0	BQ	THRED ROLL BIG (CONE)	36	75	2700.00	18% CGST/SGST	0%	3186.00
25	286071	**White Fluid** Pack of 1 X 1 Piece X 200=200 Piece Item Code: Warranty: 0	ARTLINE		200	17	3400.00	18% CGST/SGST	0%	4012.00

Total:

Total	Total Discount	GST Total	Freight Charge:	Grand Total
64815.90	0	11666.86	0	**76483** 78462.76

Terms & Conditions:

1. a. Delivery of material will be made through gate No. 3 after getting gate entry on bill, at our Central Store/final destination (if product needs), within 2-3 days.
   b. Loading/unloading/delivery charges are included in above amount.
   c. Breakage: Any breakage will be counted on supplier part before receiving of Central Store.
2. Financial terms:
   a. Payment: As per rules of the establishment.
   b. Tax mentioned as above, no other tax will be paid extra.
3. Date, batch number, lot number & expiry shall be mentioned in each bill. Items with expiry less 6 month shall not be accepted.
4. Items with unsatisfactory report from user department are liable to be returned as such.
5. Technical specifications are to match with order given & supplied.
6. Items with seals broken & tampered with, printed data scratched out not be accepted.
7. In case of any dispute, the decision of the Vice Chancellor of the University shall be final and applicable to both the parties.
8. Copy of order should be annexed with bill otherwise bill not be sent for payment process.
9. The court jurisdiction for any legal matter shall be Meerut Court
10. Late supply/repair/any type of job work (from the given lead time in condition no. 1) will be liable to pay penalty as and when will be imposed accordingly to losses of University.

Laboratory Consumable Purchase Orders (Sample-01) Date:06/12/2024

OFFICE OF THE ADDL. DIRECTOR(PURCHASE)
SWAMI VIVEKANAND SUBHARTI UNIVERSITY
(A UNIT OF)
MAHAYANA THERAVADA VAJRAYANA BUDDHIST RELIGIOUS AND CHARITABLE TRUST
Subhartipuram, NH-58, By-Pass Meerut-250002 Ph. 0121-2439126
email-purchase@subharti.org, website-www.subharti.org

GST No. 09AADTS2638D1ZI
Purchase Order

Ref.No./MTV/P.O/264-ANAN/2024/10148
Department Name: CENTRAL LAB
Indent No: 101021224033719
Date:6/12/2024

To,
M/s Anand Chemiceutics
Address: Near Lal Kuan, VPO., Jharsa, Sector -39, Gurugram, Haryana
Contact Person: Mr.Ravi Visavadia
Contact No: 9033150650
Email Id: anandchemiceutics@gmail.com
Acc No.: 59209822550734
IFSC: HDFC0005291 GST No.:06ACHPS9796G1ZT

With reference to your Quotation No. N/A Dated 12/6/2024 12:00:00 AM, We are pleased to confirm our order for the following items, subject to the following terms & condition:

SN	ITEM ID	ITEMS NAME/ CODE/ WARRANTY(Yr)	COMPANY	SPECIFICATION DETAILS/ REMARK	P.O. QTY.	Rate	Amount	GST(%)	Discount	Total
1	297650	ARC VITAMIN D REAGENT Pack of 1 X 100 TEST X 2=200 TEST Item Code: Ref.no.: 5P02.25 Warranty: 0 Y	ABBOTT		2	18200	36400.00	5% CGST/SGST	0%	38220.00
2	297651	ARC AFP 3 CAL Pack of 1 X 1 Piece X 1=1 Piece Item Code: Ref.no.: 3P36.01 Warranty: 0 Y	ABBOTT		1	6240	6240.00	12% CGST/SGST	0%	6988.80
3	297652	ARC B12 REAGENT Pack of 1 X 100 TEST X 1=100 TEST Item Code: Ref.no.: 7K61.25 Warranty: 0 Y	ABBOTT		1	8840	8840.00	5% CGST/SGST	0%	9282.00
4	297653	ARC BHCG REAGENT Pack of 1 X 100 TEST X 2=200 TEST Item Code: Ref.no.: 7K78.25 Warranty: 0 Y	ABBOTT		2	6760	13520.00	5% CGST/SGST	0%	14196.00
5	297654	ARC CEA 2 CAL Pack of 1 X 1 Piece X 1=1 Piece Item Code: Ref.no.: 7K68.02 Warranty: 0 Y	ABBOTT		1	6240	6240.00	12% CGST/SGST	0%	6988.80
6	297655	ARC FERRITIN REAGENT Pack of 1 X 100 TEST X 1=100 TEST Item Code: Ref.no.: 7K59.25 Warranty: 0 Y	ABBOTT		1	6656	6656.00	5% CGST/SGST	0%	6988.80
7	297656	ARC FREE T3 REAGENT Pack of 1 X 100 TEST X 2=200 TEST Item Code: Ref.no.: 7K63.27 Warranty: 0 Y	ABBOTT		2	2600	5200.00	5% CGST/SGST	0%	5460.00
8	297657	ARC FREE T4 REAGENT Pack of 1 X 100 TEST X 2=200 TEST Item Code: Ref.no.: 7K65.29 Warranty: 0 Y	ABBOTT		2	2600	5200.00	5% CGST/SGST	0%	5460.00

SN	ITEM ID	ITEMS NAME/ CODE/ WARRANTY(Yr)	COMPANY	SPECIFICATION DETAILS/ REMARK	P.O. QTY.	Rate	Amount	GST(%)	Discount	Total
9	297658	**ARC INSULIN REAGENT** Pack of 1 X 100 TEST X 1=100 TEST Item Code: **Ref.no.: 8K41.27** Warranty: **0 Y**	ABBOTT		1	10400	10400.00	**5%** CGST/SGST	**0%**	10920.00
10	297659	**ARC TOTAL PSA REAGENT** Pack of 1 X 100 TEST X 3=300 TEST Item Code: **Ref.no.: 7K70.25** Warranty: **0 Y**	ABBOTT		3	7280	21840.00	**5%** CGST/SGST	**0%**	22932.00
11	297660	**ARC TSH REAGENT** Pack of 1 X 100 TEST X 8=800 TEST Item Code: **Ref.no.: 7K62.25** Warranty: **0 Y**	ABBOTT		8	1976	15808.00	**5%** CGST/SGST	**0%**	16598.40
12	297661	**CC GLUCOSE REAGENT** Pack of 1 X 1500 TEST X 1=1500 TEST Item Code: **Ref.no.: 3L82.22** Warranty: **0 Y**	ABBOTT		1	5460	5460.00	**12%** CGST/SGST	**0%**	6115.20
13	297662	**ARC ALT2** Pack of 1 X 3960 TEST X 2=7920 TEST Item Code: **Ref.no.: 4S88.30** Warranty: **0 Y**	ABBOTT		2	22651	45302.00	**12%** CGST/SGST	**0%**	50738.24
14	297663	**CC ALKALINE PHOSPHATASE 2** Pack of 1 X 1600 TEST X 2=3200 TEST Item Code: **Ref.no.: 04S8720** Warranty: **0 Y**	ABBOTT		2	9984	19968.00	**12%** CGST/SGST	**0%**	22364.16
15	297664	**ARC ALBUMIN BCG2 KIT** Pack of 1 X 1044 TEST X 1=1044 TEST Item Code: **Ref.no.: 4T34.20** Warranty: **0 Y**	ABBOTT		1	3800	3800.00	**12%** CGST/SGST	**0%**	4256.00
16	297665	**CC GGT2** Pack of 1 X 600 TEST X 1=600 TEST Item Code: **Ref.no.: 04T0020** Warranty: **0 Y**	ABBOTT		1	7488	7488.00	**12%** CGST/SGST	**0%**	8386.56
17	297666	**ARC UREA NITROGEN2 KIT** Pack of 1 X 1400 TEST X 1=1400 TEST Item Code: **Ref.no.: 4T12.20** Warranty: **0 Y**	ABBOTT		1	7280	7280.00	**12%** CGST/SGST	**0%**	8153.60
18	297667	**ARC CREATININE2 REAGENT** Pack of 1 X 3600 TEST X 1=3600 TEST Item Code: **Ref.no.: 4S95.20** Warranty: **0 Y**	ABBOTT		1	14976	14976.00	**12%** CGST/SGST	**0%**	16773.12
19	297668	**CC CALCIUM REAGENT** Pack of 1 X 1500 TEST X 1=1500 TEST Item Code: **Ref.no.: 3L79.22** Warranty: **0 Y**	ABBOTT		1	7800	7800.00	**12%** CGST/SGST	**0%**	8736.00
20	297669	**ARC URIC ACID2 KIT** Pack of 1 X 540 TEST X 6=3240 TEST Item Code: **Ref.no.: 4T13.20** Warranty: **0 Y**	ABBOTT		6	3993.6	23961.60	**12%** CGST/SGST	**0%**	26836.99

SN	ITEM ID	ITEMS NAME/ CODE/ WARRANTY(Yr)	COMPANY	SPECIFICATION DETAILS/ REMARK	P.O. QTY.	Rate	Amount	GST(%)	Discount	Total
21	297670	**ARC CHOLESTEROL2 REAGENT** Pack of 1 x 3200 TEST X 1=3200 TEST Item Code: **Ref.no.: 4S92.30** Warranty: **0 Y**	ABBOTT		1	23296	23296.00	**12%** CGST/SGST	0%	26091.52
22	297671	**CC ULTRA HDL** Pack of 1 X 1440 TEST X 1=1440 TEST Item Code: **Ref.no.: 3K33.22** Warranty: **0 Y**	ABBOTT		1	44928	44928.00	**12%** CGST/SGST	0%	50319.36
23	297672	**CC TRIGLYCERIDE** Pack of 1 X 1900 TEST X 1=1900 TEST Item Code: **Ref.no.: 04T1030** Warranty: **0 Y**	ABBOTT		1	17784	17784.00	**12%** CGST/SGST	0%	19918.08
24	297673	**CC LACTATE DEHYDROGENASE** Pack of 1 X 1300 TEST X 1=1300 TEST Item Code: **Ref.no.: 2P56.22** Warranty: **0 Y**	ABBOTT		1	16224	16224.00	**12%** CGST/SGST	0%	18170.88
25	297674	**CC IGE** Pack of 1 X 115 TEST X 1=115 TEST Item Code: **Ref.no.: 6K42.02** Warranty: **0 Y**	ABBOTT		1	14352	14352.00	**12%** CGST/SGST	0%	16074.24

Total:

Total	Total Discount	GST Total	Freight Charge	Freight GST(%)	Grand Total
388963.60	0	38005.15	0	0	**426969** 426968.75

Terms & Conditions:

1. a. Delivery of material will be made through gate No. 3 after getting gate entry on bill, at our Central Store/final destination (if product needs), within 2-3 days.
   b. Loading/unloading/delivery charges are included in above amount.
   c. Breakage: Any breakage will be counted on supplier part before receiving of Central Store.
2. Financial terms:
   a. Payment: As per rules of the establishment.
   b. Tax mentioned as above, no other tax will be paid extra.
3. Date, batch number, lot number & expiry shall be mentioned in each bill. Items with expiry less 6 month shall not be accepted.
4. Items with unsatisfactory report from user department are liable to be returned as such.
5. Technical specifications are to match with order given & supplied.
6. Items with seals broken & tampered with, printed data scratched out not be accepted.
7. In case of any dispute, the decision of the Vice Chancellor of the University shall be final and applicable to both the parties.
8. Copy of order should be annexed with bill otherwise bill not be sent for payment process.
9. The court jurisdiction for any legal matter shall be Meerut Court
10. Late supply/repair/any type of job work (from the given lead time in condition no. 1) will be liable to pay penalty as and when will be imposed accordingly to losses of University.

Payment Terms:

- 100% On Delivery after 30 day **(total amt 426968.75)**

SN	Demand No	Item Id	Item Name	QTY	Dept Name
1	101021224033719	297652	**ARC B12 REAGENT**	1	CENTRAL LAB
2	101021224033719	297654	**ARC CEA 2 CAL**	1	CENTRAL LAB
3	101021224033719	297655	**ARC FERRITIN REAGENT**	1	CENTRAL LAB
4	101021224033719	297656	**ARC FREE T3 REAGENT**	2	CENTRAL LAB
5	101021224033719	297657	**ARC FREE T4 REAGENT**	2	CENTRAL LAB
6	101021224033719	297672	**CC TRIGLYCERIDE**	1	CENTRAL LAB

SN	Demand No	Item Id	Item Name	QTY	Dept Name
7	101021224033719	297659	ARC TOTAL PSA REAGENT	3	CENTRAL LAB
8	101021224033719	297660	ARC TSH REAGENT	8	CENTRAL LAB
9	101021224033719	297662	ARC ALT2	2	CENTRAL LAB
10	101021224033719	297668	CC CALCIUM REAGENT	1	CENTRAL LAB
11	101021224033719	297670	ARC CHOLESTEROL2 REAGENT	1	CENTRAL LAB
12	101021224033719	297667	ARC CREATININE2 REAGENT	1	CENTRAL LAB
13	101021224033719	297665	CC GGT2	1	CENTRAL LAB
14	101021224033719	297661	CC GLUCOSE REAGENT	1	CENTRAL LAB
15	101021224033719	297671	CC ULTRA HDL	1	CENTRAL LAB
16	101021224033719	297666	ARC UREA NITROGEN2 KIT	1	CENTRAL LAB
17	101021224033719	297669	ARC URIC ACID2 KIT	6	CENTRAL LAB
18	101021224033719	297651	ARC AFP 3 CAL	1	CENTRAL LAB
19	101021224033719	297653	ARC BHCG REAGENT	2	CENTRAL LAB
20	101021224033719	297658	ARC INSULIN REAGENT	1	CENTRAL LAB
21	101021224033719	297664	ARC ALBUMIN BCG2 KIT	1	CENTRAL LAB
22	101021224033719	297663	CC ALKALINE PHOSPHATASE 2	2	CENTRAL LAB
23	101021224033719	297674	CC IGE	1	CENTRAL LAB
24	101021224033719	297673	CC LACTATE DEHYDROGENASE	1	CENTRAL LAB
25	101021224033719	297650	ARC VITAMIN D REAGENT	2	CENTRAL LAB

Prepared By:
Vibhav

Verified By:
LOVELY MAHESHWARI
ADDITIONAL DIRECTOR PURCHASE

Laboratory Consumable Purchase Orders (Sample-02) Date: 27/12/2024

OFFICE OF THE ADDL. DIRECTOR(PURCHASE)
SWAMI VIVEKANAND SUBHARTI UNIVERSITY
(A UNIT OF)
MAHAYANA THERAVADA VAJRAYANA BUDDHIST RELIGIOUS AND CHARITABLE TRUST
Subhartipuram, NH-58, By-Pass Meerut-250002 Ph. 0121-2439126
email-purchase@subharti.org, website-www.subharti.org

GST No. 09AADTS2638D1ZI
Purchase Order

Ref.No./MTV/P.O/21-S.R./2024/10385
Department Name: MICROBIOLOGY DEPT
Indent No: 1231224112146

Date:27/12/2024

To,
M/s S.R. Diagnostics
Address: Old 161- New 173/3, Thapar Nagar, Meerut
Contact Person: Mr. Rajesh datta
Contact No: 9927611187
Email Id: srdiagnostics.1996@gmail.com
Acc No.: 50200014039358
IFSC: HDFC0000285 GST No.:09AACCS6987K1ZJ

With reference to your Quotation No. **SOP/MK/001** Dated **3/21/2023 12:00:00 AM**, We are pleased to confirm our order for the following items, subject to the following terms & condition:

SN	ITEM ID	ITEMS NAME/ CODE/ WARRANTY(Yr)	COMPANY	SPECIFICATION DETAILS/ REMARK	P.O. QTY.	Rate	Amount	GST(%)	Discount	Total
1	303204	**TRUENAT MTB PLUS CHIP BASED RTPCR** Pack of 1 X 1 Packet X 4=4 Packet Item Code: Warranty: **0 Y**	Molbio (TRUENAT)	**RUENAT MTB PLUS CHIP BASED RTPCR (601130025)**	4	13973	55892.00	12% CGST/SGST	0%	62599.04
2	303205	**TRUENAT H1N1 CHIP BASED RTPCR** Pack of 1 X 1 Packet X 2=2 Packet Item Code: **601070020** Warranty: **0 Y**	Molbio (TRUENAT)	**TRUENAT H1N1 CHIP BASED RTPCR (601070025)**	2	17500	35000.00	12% CGST/SGST	0%	39200.00
3	303206	**TRUENAT HLA-B27 CHIP BASED RTPCR** Pack of 1 X 1 Packet X 1=1 Packet Item Code: **601380020** Warranty: **0 Y**	Molbio (TRUENAT)	**TRUENAT HLA-B27 CHIP BASED RTPCR (601380025)**	1	20000	20000.00	12% CGST/SGST	0%	22400.00
4	303207	**TRUENAT HCV CHIP BASED RTPCR** Pack of 1 X 1 Packet X 4=4 Packet Item Code: **601180020** Warranty: **0 Y**	Molbio (TRUENAT)	**TRUENAT HCV CHIP BASED RTPCR (601180025)**	4	20000	80000.00	12% CGST/SGST	0%	89600.00

Total:

Total	Total Discount	GST Total	Freight Charge	Freight GST(%)	Grand Total
190892.00	0	22907.04	0	0	**213799** 213799.04

Terms & Conditions:

1. a. Delivery of material will be made through gate No. 3 after getting gate entry on bill, at our Central Sto. e/final destination (if product needs), within 2-3 days.
   b. Loading/unloading/delivery charges are included in above amount.
   c. Breakage: Any breakage will be counted on supplier part before receiving of Central Store.
2. Financial terms:
   a. Payment: As per rules of the establishment.
   b. Tax mentioned as above, no other tax will be paid extra.
3. Date, batch number, lot number & expiry shall be mentioned in each bill. Items with expiry less 6 month shall not be accepted.
4. Items with unsatisfactory report from user department are liable to be returned as such.
5. Technical specifications are to match with order given & supplied.
6. Items with seals broken & tampered with, printed data scratched out not be accepted.
7. In case of any dispute, the decision of the Vice Chancellor of the University shall be final and applicable to both the parties.
8. Copy of order should be annexed with bill otherwise bill not be sent for payment process.

9. The court jurisdiction for any legal matter shall be Meerut Court
10. Late supply/repair/any type of job work (from the given lead time in condition no. 1) will be liable to pay penalty as and when will be imposed accordingly to losses of University.

Payment Terms:

- 100% On Delivery after 30 day **(total amt 213799.04)**

SN	Demand No	Item Id	Item Name	QTY	Dept Name
1	1231224112146	303204	**TRUENAT MTB PLUS CHIP BASED RTPCR**	4	MICROBIOLOGY DEPT
2	1231224112146	303205	**TRUENAT H1N1 CHIP BASED RTPCR**	2	MICROBIOLOGY DEPT
3	1231224112146	303207	**TRUENAT HCV CHIP BASED RTPCR**	4	MICROBIOLOGY DEPT
4	1231224112146	303206	**TRUENAT HLA-B27 CHIP BASED RTPCR**	1	MICROBIOLOGY DEPT

Prepared By:
Vibhav

Verified By:
LOVELY MAHESHWARI
ADDITIONAL DIRECTOR PURCHASE

Technology Purchase Order (Sample 01) **Date: 17/01/2025**

OFFICE OF THE ADDL. DIRECTOR(PURCHASE)
SWAMI VIVEKANAND SUBHARTI UNIVERSITY
(A UNIT OF)
MAHAYANA THERAVADA VAJRAYANA BUDDHIST RELIGIOUS AND CHARITABLE TRUST
Subhartipuram, NH-58, By-Pass Meerut-250002 Ph. 0121-2439126
email-purchase@subharti.org, website-www.subharti.org

GST No. 09AADTS2638D1ZI
Purchase Order

Ref.No./MTV/P.O/8-TECH/2025/10584
Department Name: Pharmacy
Indent No: 7271124100637

Date:17/1/2025

To,
M/s Techno Through Solutions
Address: 107, Vinayak Complex, 18 Veer Savarkar Block, Shakarpur Delhi-110092
Contact Person: Ms. Kanchan
Contact No: 9311272728
Email Id: kanchanjagota@gmail.com
Acc No.: 038605500250
IFSC: ICIC0000386 GST No.:07DPEPS0324K1ZT

With reference to your Quotation No. **n/a** Dated **1/17/2025 12:00:00 AM**, We are pleased to confirm our order for the following items, subject to the following terms & condition:

SN	ITEM ID	ITEMS NAME/ CODE/ WARRANTY(Yr)	COMPANY	SPECIFICATION DETAILS/ REMARK	P.O. QTY.	Rate	Amount	GST(%)	Discount	Total
1	296056	**Computer Set** Pack of 1 X 1 Piece X 1=1 Piece Item Code: Warranty: **3 Y**	hp	**HP 280 G9 DESKTOP CORE I5/12TH GEN/ 8 + 8GB RAM/ 512 GB SSD/1 TB HDD/DOS/ WIFI/19.5 INCH SCREEN/ USB KEYBOARD MOUSE/3 YEAR WARRANTY Microtek 600VA UPS 2 year warranty** COMPUTER SET (I5 GENERATION, 16 GB RAM, 1 TB ROM MINIMUM) WITH UPS FOR IQAC	1	47118.64407	47118.64	**18%** CGST/SGST	**0%**	55600.00
2	296057	**Printer** Pack of 1 X 1 Piece X 1=1 Piece Item Code: Warranty: **1 Y**	4104dw	**HEAVY DUTY PRINTER (BLACK & WHITE MULTI FUNCTION PRINTER) PRINT SCAN COPY WIFI DUPLEX ADF LASER PRINTER 4104DW** HEAVY DUTY PRINTER FOR IQAC	1	26000	26000.00	**18%** CGST/SGST	**0%**	30680.00

Total:

Total	Total Discount	GST Total	Freight Charge	Freight GST(%)	Grand Total
73118.64	0	13161.36	0	0	**86280** 86280.00

Terms & Conditions:

1. a. Delivery of material will be made through gate No. 3 after getting gate entry on bill, at our Central Store/final destination (if product needs), within 2-3 days.
   b. Loading/unloading/delivery charges are included in above amount.
   c. Breakage: Any breakage will be counted on supplier part before receiving of Central Store.
2. Financial terms:
   a. Payment: As per rules of the establishment.
   b. Tax mentioned as above, no other tax will be paid extra.
3. Date, batch number, lot number & expiry shall be mentioned in each bill. Items with expiry less 6 month shall not be accepted.
4. Items with unsatisfactory report from user department are liable to be returned as such.
5. Technical specifications are to match with order given & supplied.
6. Items with seals broken & tampered with, printed data scratched out not be accepted.
7. In case of any dispute, the decision of the Vice Chancellor of the University shall be final and applicable to both the parties.
8. Copy of order should be annexed with bill otherwise bill not be sent for payment process.
9. The court jurisdiction for any legal matter shall be Meerut Court
10. Late supply/repair/any type of job work (from the given lead time in condition no. 1) will be liable to pay penalty as and when will be imposed accordingly to losses of University.

Payment Terms:

- 100% Satisfactory Working after 30 day **(total amt 86280.00)**

SN	Demand No	Item Id	Item Name	QTY	Dept Name
1	7271124100637	296056	**Computer Set**	1	Pharmacy

SN	Demand No	Item Id	Item Name	QTY	Dept Name
2	7271124100637	296057	Printer	1	Pharmacy

Prepared By:
GEETIKA SHARMA

Verified By:
LOVELY MAHESHWARI
ADDITIONAL DIRECTOR PURCHASE

Technology Purchase Order (Sample 02) Date: 28/05/2025

OFFICE OF THE ADDL. DIRECTOR(PURCHASE)
SWAMI VIVEKANAND SUBHARTI UNIVERSITY
(A UNIT OF)
MAHAYANA THERAVADA VAJRAYANA BUDDHIST RELIGIOUS AND CHARITABLE TRUST
Subhartipuram, NH-58, By-Pass Meerut-250002 Ph. 0121-2439126
email-purchase@subharti.org, website-www.subharti.org

GST No. 09AADTS2638D1ZI
Purchase Order

Ref.No./MTV/P.O/726-COST/2025/11910
Department Name:
Date:28/5/2025
Indent No: 100130525102229,100290425112550,1020525010246

To,
M/s Cost 2 Cost
Address: SHOP NO 9
Contact Person: PANKAJ TRIVEDI
Contact No: 9837638624
Email Id: cost2cost@live.com
Acc No.: 917030084110684
IFSC: UTIB0000177 GST No.:09AAGPT7364L1ZW

With reference to your Quotation No. **n/a** Dated **5/28/2025 12:00:00 AM**, We are pleased to confirm our order for the following items, subject to the following terms & condition:

SN	ITEM ID	ITEMS NAME/ CODE/ WARRANTY(Yr)	COMPANY	SPECIFICATION DETAILS/ REMARK	P.O. QTY.	Rate	Amount	GST(%)	Discount	Total
1	333224	**Computer Set** Pack of 1 X 1 Piece = 01=1 Piece Item Code: Warranty: **3 Y**	hp	**Desktop HP 280 G9 Core I5 12th Ram 8GB SSD 512GB USB Keyboard & Mouse Dos 20" tft 3 Year Warranty** I-5 CHIEF PROCTOR AND ANTI RAGGING CELL	01	41440.67797	41440.68	18% CGST/SGST	0%	48900.00
2	334763	**Computer Set** Pack of 1 X 1 Piece X 1=1 Piece Item Code: Warranty: **3 Y**	hp	**Desktop HP 280 G9 Core I5 12th Ram 8GB SSD 512GB USB Keyboard & Mouse Dos 20" tft 3 Year Warranty** COMPUTER SET (CPU, HP 280 G-9 SERIES CORE I5) FOR MR. BRAHAMPAL SINGH ASST. REGISTRAR NAAC OFFICE NAAC OFFICE, SMC	1	41440.67797	41440.68	18% CGST/SGST	0%	48900.00
3	357669	**Computer Set** Pack of 1 X 1 Piece X 1=1 Piece Item Code: Warranty: **3 Y**	hp	**280 G9 I7 13 GEN 16 GB RAM + 1 TB SATSA + WIFI + BLUETOOTH / DOS 27" TFT HP 3 YEAR WARRANTY** I7 COMPUTER SET WITH UPS FOR WORKING CONSTRUCTION DEPARTMENT	1	65254.23729	65254.24	18% CGST/SGST	0%	77000.00

Total:

Total	Total Discount	GST Total	Freight Charge	Freight GST(%)	Grand Total
148135.60	0	26664.41	0	0	**174800** 174800.00

Terms & Conditions:

1. a. Delivery of material will be made through gate No. 3 after getting gate entry on bill, at our Central Store/final destination (if product needs), within 2-3 days.
   b. Loading/unloading/delivery charges are included in above amount.
   c. Breakage: Any breakage will be counted on supplier part before receiving of Central Store.
2. Financial terms:
   a. Payment: As per rules of the establishment.
   b. Tax mentioned as above, no other tax will be paid extra.
3. Date, batch number, lot number & expiry shall be mentioned in each bill. Items with expiry less 6 month shall not be accepted.
4. Items with unsatisfactory report from user department are liable to be returned as such.
5. Technical specifications are to match with order given & supplied.
6. Items with seals broken & tampered with, printed data scratched out not be accepted.
7. In case of any dispute, the decision of the Vice Chancellor of the University shall be final and applicable to both the parties.
8. Copy of order should be annexed with bill otherwise bill not be sent for payment process.
9. The court jurisdiction for any legal matter shall be Meerut Court
10. Late supply/repair/any type of job work (from the given lead time in condition no. 1) will be liable to pay penalty as and when will be imposed accordingly to losses of University.

Payment Terms:

- 100% Satisfactory Working after 30 day **(total amt 174800.00)**

SN	Demand No	Item Id	Item Name	QTY	Dept Name
1	100130525102229, 100290425112550, 1020525010246	333224, 334763, 357669	Computer Set	3	Construction, Others, SMC Principal Office

Prepared By:
GEETIKA SHARMA

Verified By:
LOVELY MAHESHWARI
ADDITIONAL DIRECTOR PURCHASE

Food & Mess Inspection



Quality Check of spices



Expiry date verification



Hands on inspection of pulses to ensure quality



Checks for proper storage and brand quality



Checks for proper storage and brand quality



Inspection of Chopping and cutting area for hygiene



Pre meals arrangement in progress



Inspection of spices boxes for cleanliness and storage



Mess staff arranging the utensils for meals



Soothing ambience of the mess



Checking of expiry dates of spices stored in stock



Quality check of Rice stock in progress



Checking of utensils cleanliness prior to meals service



Checking of Pickle packing condition and expiry dates



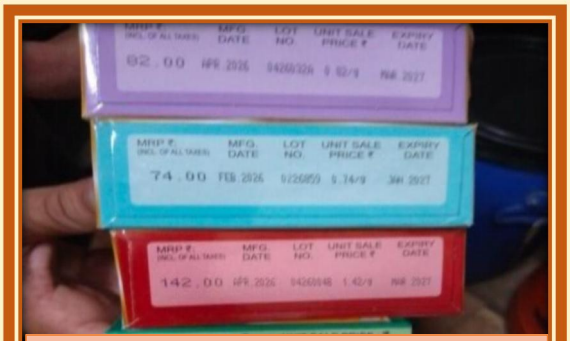
Checking vinegar stock for sealing and expiry dates.



To ensure Pest control measured in the mess.



Checks for packing and expiry dates



Checks for packing and expiry dates of spices



Checking of utensils prior to meal service.



Inspection of edible oil and floor storage



Inspection of dough making machine



Inspection of cold storage for proper temperature and hygiene storage of

Swami Vivekanand Subharti University, Meerut, promotes responsible food procurement through its Sustainable Procurement / Purchasing Policy, maintenance of food supplier records and FSSAI licence/registration, food quality and hygiene inspections in hostel mess. These measures support safe food handling, hygienic dining conditions, and responsible procurement practices, reflecting the university's commitment to **UN Sustainable Development Goal 12 Responsible Consumption and Production**.

12.2.3 Hazardous Materials Waste Disposal

Swami Vivekanand Subharti University has established an institutional framework for the safe handling and responsible disposal of hazardous materials and waste through its Integrated Sustainable Waste, Resource Minimisation, Reducing Marine Pollution and Responsible Supply Chain Policy. Section 5.1 - *Hazardous Materials and Waste Management*, addresses the identification, segregation, labelling, safe storage, handling, transportation, treatment, and final disposal of hazardous and regulated waste in accordance with applicable statutory requirements and relevant University Standard Operating Procedures (SOPs). The policy framework is supported by the University's E-Waste Policy and relevant SOPs for Hazardous Chemicals Management, Radioactive Waste Management, and COVID-19 Waste Management. Supporting documentation includes available biomedical waste management affidavits, Uttar Pradesh Pollution Control Board consent documents, e-waste management agreements, disposal certificates, and records relating to authorised recycling agencies, as applicable. Section 6 - Documentation and Record Keeping, provides for maintaining relevant waste manifests, transfer records, disposal certificates, and authorised-agency documentation. Section 7 - Monitoring and Performance Review, addresses the monitoring of waste-management practices and corrective action where required. Supporting evidence, including monthly waste records and photographs of waste collection, segregation, transportation, and management, helps document implementation across University facilities, including hospitals, laboratories, academic departments, the IT Department, and other relevant units. These policies, procedures, regulatory documents, and operational records support the systematic management and responsible disposal of hazardous materials and other regulated waste in accordance with applicable environmental and statutory requirements. They also contribute to the University's broader commitment to pollution prevention, risk reduction, and environmentally responsible resource management.



Figure 6: Mechanism for the Hazardous Material Waste Disposal

Integrated Sustainable Waste, Resource Minimisation, Reducing Marine Pollution and Responsible Supply Chain Policy

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Integrated Sustainable Waste, Resource Minimisation, Reducing Marine Pollution and Responsible Supply Chain Policy

Registrar
17.02.2022

Integrated Sustainable Waste, Resource Minimisation, Reducing Marine Pollution and Responsible Supply Chain Policy

S. No.	Particulars	Description
1	Policy Number	Ref-U-07|SVSU|2025|1973 Date- 17.02.2025
2	Policy Statement	Swami Vivekanand Subharti University recognizes the importance of sustainable resource utilisation, waste minimisation, responsible consumption and production, and prevention of environmental and marine pollution. As an educational and research institution, the University is committed to contributing to these objectives through the integration of sustainability principles into its academic programmes, research, administrative practices, campus operations, procurement processes, and community outreach activities. The University shall promote awareness, education, research, innovation, and responsible practices relating to waste prevention, plastic reduction, reuse, recycling, resource recovery, sustainable procurement, and environmentally sound waste management. Through interdisciplinary research, student participation, training programmes, awareness campaigns, and collaborations with government agencies, industries, environmental organisations, suppliers, and local and regional communities, the University seeks to encourage sustainable consumption patterns and responsible resource management. The University shall also promote environmentally responsible practices among its contractors, vendors, suppliers, and outsourced service providers. This Policy establishes an institutional framework for integrating waste minimisation, resource efficiency, sustainable supply chain management, and pollution prevention into the University's academic, research, administrative, operational, and outreach activities. Particular emphasis shall be placed on preventing and reducing marine pollution arising from land-based activities through responsible waste handling, segregation, recycling, treatment, and disposal practices, thereby contributing to environmental protection and the achievement of relevant United Nations Sustainable Development Goals.
3	Scope of the Policy	Swami Vivekanand Subharti University, Meerut, will contribute to environmental sustainability by implementing responsible waste management, resource conservation, pollution prevention, and sustainable procurement practices across its campus operations. The University will promote waste minimisation, segregation at source, reuse, recycling, resource recovery, and environmentally responsible disposal of solid, liquid, and other applicable waste streams in accordance with relevant regulations. Through initiatives such as reducing single-use plastics and disposable items, conserving natural resources, and encouraging the responsible use of materials, the University seeks to minimise its environmental footprint. The University will also contribute to preventing marine pollution from land-based activities by promoting appropriate wastewater treatment, preventing improper waste discharge, and ensuring responsible disposal practices. Relevant environmental requirements will be extended, wherever applicable, to outsourced service providers, contractors, vendors, and suppliers. Regular monitoring, documentation, awareness, and continual improvement will support the University's contribution to responsible consumption, sustainable resource

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S. No.	Particulars	Description
		management, and pollution prevention in alignment with the United Nations Sustainable Development Goals.
4	Policy Status	Original
5	Originated By	University Environment Committee
6	Reviewed By	Registrar
7	Effective Date of Policy	17.02.2025
8	Approving Authority	Hon'ble Vice Chancellor
9	Policy Review Date	

1. Preamble

Swami Vivekanand Subharti University, Meerut, is committed to creating awareness and helping the society in advancing environmental sustainability through responsible consumption, resource conservation, pollution prevention, and the sustainable management of waste and materials across its academic, administrative, healthcare, residential, research, and operational activities. In alignment with the United Nations Sustainable Development Goals, particularly SDG 12 (Responsible Consumption and Production) and SDG 14 (Life Below Water), the University seeks to minimise waste generation at source, promote segregation, reuse, recycling and resource recovery, ensure the safe management of hazardous and non-hazardous waste, and reduce dependence on landfill disposal. The University also promotes the reduction of single-use plastics and disposable materials, environmentally responsible wastewater management, and the prevention of marine pollution arising from land-based activities. Relevant environmental responsibilities shall be extended, wherever applicable, to contractors, outsourced service providers, vendors, and suppliers to strengthen sustainable procurement, operational accountability, regulatory compliance, and continual environmental improvement across the University's activities.

2. Objectives

2.1. Establish an integrated institutional framework for sustainable waste management, resource conservation, waste minimisation, and responsible consumption across the University's academic, research, administrative, and operational activities.

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2.2. Integrate the principles of waste minimisation, resource efficiency, circular economy, and responsible consumption into academic programmes, curriculum, research, and teaching-learning activities.

2.3. Encourage interdisciplinary research, innovation, and student projects focusing on waste reduction, recycling, resource recovery, sustainable materials, and pollution prevention.

2.4. Promote responsible consumption, waste prevention at source, segregation, reuse, recycling, composting, and recovery of resources across the University.

2.5. Ensure environmentally responsible management and disposal of hazardous, biomedical, laboratory, chemical, and other regulated waste through authorised facilities and appropriate procedures.

2.6. Minimise the use of single-use plastics and disposable materials while encouraging reusable, recyclable, and environmentally preferable alternatives.

2.7. Integrate sustainability considerations into institutional procurement, supplier selection, contractual arrangements, and outsourced services by encouraging environmentally responsible products and practices.

2.8. Promote awareness, capacity building, and active participation of students, faculty members, staff, contractors, vendors, and service providers through training programmes, workshops, campaigns, and other institutional initiatives.

2.9. Encourage student and faculty participation in research, community outreach, and collaborative initiatives relating to waste minimisation, plastic pollution prevention, recycling, and environmental protection.

2.10. Prevent and reduce marine pollution arising from land-based activities by promoting responsible waste handling, wastewater management, plastic reduction, and environmentally sound disposal practices.

2.11. Strengthen collaborations with government agencies, industries, research institutions, NGOs, and local and regional communities to promote sustainable resource management and pollution prevention.

2.12. Establish appropriate monitoring, documentation, reporting, and assessment mechanisms to evaluate institutional performance and support continual improvement.

3. Major Terms and Definitions

S. No.	Term	Definition
1	Hazardous waste	Waste that requires controlled handling because of its hazardous characteristics or because applicable law classifies it as hazardous.

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2	Landfill disposal	Final disposal of waste to landfill or other disposal routes where material recovery/recycling is not achieved.
3	Single-use plastic	Plastic item intended or ordinarily used for one-time or short-duration use before disposal.
4	Disposable item	An item intended to be discarded after a single or limited use, including non-plastic disposable products.
5	Supplier	A person, company, manufacturer, distributor or organisation supplying goods, materials, equipment or services to SVSU.
6	Outsourced service provider	An external agency or contractor delivering a service on behalf of or within the University.
7	Environmentally preferable alternative	A feasible alternative that reduces environmental impact through reuse, recyclability, lower material use, lower packaging, safer composition or improved resource efficiency.
8	Research and Innovation	The University will encourage research and innovation aimed at reducing pollution and protecting aquatic and marine ecosystems. The University may collaborate with industries, research institutions, government organizations, and other stakeholders to develop practical solutions.
9	Awareness and Education	The University shall promote awareness regarding the causes and impacts of marine pollution and the role of land-based activities in contributing to aquatic pollution.

4. Policy Principles

4.1 Waste Prevention and Minimization: Prioritise prevention, reduction and efficient use of materials before recycling or disposal.

4.2 Segregation at Source: Segregate waste at the point of generation into appropriate streams to enable safe handling, recycling, recovery, treatment and disposal.

4.3 Resource Recovery: Promote reuse, repair, recycling, recovery and composting wherever technically feasible.

4.4 Safe and Compliant Disposal: Ensure regulated and hazardous waste is handled and disposed of through prescribed and authorised channels.

4.5 Sustainable Procurement: Consider durability, recyclability, packaging, material efficiency, environmental performance and end-of-life considerations in procurement decisions, subject to functional and statutory requirements.

4.6 Extended Institutional Responsibility: Where University activities are outsourced, relevant environmental expectations shall extend to the service provider and its operational supply chain to the extent appropriate and contractually feasible.

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4.7 Evidence and Transparency: Maintain verifiable records and, where appropriate, make policies, commitments and evidence publicly accessible through authorised University platforms.

4.8 Awareness and Participation: Promote awareness and encourage students, faculty, staff, contractors, vendors, visitors, and local, regional, national, and international stakeholders to use resources responsibly and minimize waste.

4.9 Continual Improvement: Conduct regular audits, monitoring, data review, and corrective action to strengthen performance over time.

5. Institutional Requirements

5.1 Hazardous Materials and Waste Management

- Hazardous, chemical, laboratory, pharmaceutical, biomedical, and other regulated waste shall be identified and managed according to applicable statutory requirements and University SOPs.
- Waste shall be segregated, labelled, safely stored and handled at the source using appropriate containers and safety measures.
- Collection, internal transportation, treatment and final disposal shall be undertaken through prescribed/authorized arrangements, as applicable.
- Relevant documents, manifests, transfer records, disposal certificates and statutory documentation shall be maintained where applicable.
- Personnel involved in hazardous-waste handling shall receive appropriate awareness, safety training and emergency-preparedness support.
- Units shall periodically review hazardous-waste generation and disposal practices and implement corrective actions where required.

5.2 Waste Disposal, Landfill Minimisation and Resource Recovery

- Waste shall be segregated at source into suitable categories, including biodegradable, recyclable, residual and regulated waste streams as applicable.
- The University shall promote reduction, reuse, repair, recycling, recovery and composting before disposal.
- Biodegradable waste and horticultural waste may be composted or otherwise processed through appropriate systems wherever feasible.
- The quantity of waste generated, recovered/recycled, composted and finally disposed of should be measured or estimated through appropriate records.
- Landfill disposal shall be minimized by increasing source segregation and diversion of recoverable materials.
- Waste sent for final disposal shall be handled through appropriate and authorized arrangements consistent with applicable requirements.
- Periodic waste audits shall be undertaken to identify trends, gaps and opportunities for further waste reduction.

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5.3 Minimization of Plastic Use

- The University shall minimize avoidable single-use plastic across academic, administrative, healthcare, residential, hospitality and event-related activities.
- Reusable, recyclable or other environmentally preferable alternatives shall be encouraged wherever feasible and appropriate.
- Procurement and event-management practices should avoid unnecessary plastic packaging and disposable plastic items.
- Awareness measures may include signage, campaigns, orientation programs, student activities and staff sensitization.
- Departments and service providers shall cooperate with institutional measures for reducing plastic consumption and plastic waste.

5.4 Minimization of Disposable Items

- The University shall seek to minimize avoidable disposable cups, plates, cutlery, bottles, packaging, stationery and similar items.
- Reusable alternatives shall be preferred where practical, hygienic, safe and operationally appropriate.
- Disposable items required for healthcare, laboratory, safety, infection-control or other legitimate operational reasons shall not be prohibited by this policy; their use shall instead be managed responsibly and disposed of through the applicable waste stream.
- Events and institutional programs should adopt low-waste practices and minimize unnecessary disposable materials.

5.5 Outsourced Services and Contractors

- Relevant environmental and waste-minimization requirements shall be incorporated, as appropriate, into contracts, tenders, work orders, service agreements or operating instructions for outsourced services.
- Outsourced service providers will be encouraged to comply with applicable University environmental requirements and relevant statutory obligations.
- Housekeeping, food services, facility management, maintenance, construction, transport and other applicable service providers shall cooperate with source segregation, waste minimization, collection and reporting requirements.
- Where the outsourced activity generates regulated or hazardous waste, the contract/service arrangement should specify responsibilities for segregation, storage, transportation, treatment and disposal.
- Performance may be reviewed through inspections, records, service reviews, audits or other appropriate monitoring mechanisms.

5.6 Suppliers and Supply Chain

- The University shall encourage suppliers to minimize unnecessary packaging and the use of avoidable single-use plastics and disposable materials.

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- Procurement specifications may include environmental criteria such as reusable/recyclable materials, reduced packaging, product durability, repairability, resource efficiency and responsible end-of-life considerations, where relevant.
- Suppliers will be encouraged to comply with applicable environmental, waste-management and safety requirements as part of contractual conditions.
- For relevant products and services, the University will encourage take-back, returnable packaging, repair, refurbishment, recycling or other end-of-life arrangements.
- Supplier environmental performance will be considered during procurement, renewal or periodic vendor evaluation, subject to the University's procurement rules.

6. Documentation and Record Keeping

For effective monitoring, audits and sustainability reporting, relevant units shall maintain appropriate evidence, including:

- Policy, SOPs, circulars, procurement clauses and contractual conditions.
- Registers to record waste and periodic records of generation, recycling/recovery, composting and final disposal.
- Hazardous/biomedical waste manifests, transfer notes, disposal certificates and authorized-agency records, where applicable.
- Vendor/supplier declarations, purchase specifications, tender documents and contract clauses relating to environmental requirements.
- Records of sensitization and awareness programmes, training, and campaigns, etc.
- Complete report with photographs, conduction reports, participant details, outcome achieved, inspection reports, audit reports, corrective-action records, etc.

7. Monitoring and Performance Review

- The University shall periodically review implementation of this policy through departmental monitoring, inspections, internal reviews, green, environmental and energy audits, or other appropriate mechanisms.
- Performance information may include quantities of waste generated, recycled/recovered, composted and disposed; plastic/disposable reduction initiatives; supplier/contractor compliance; and completion of corrective actions.
- Where gaps are identified, the concerned unit shall be advised to undertake corrective and preventive measures within an appropriate timeframe.

8. Review of the Policy

The policy shall be reviewed periodically and may be revised as and when required.



Standard operating procedure (SOP) for Hazardous Chemicals and Radioactive Waste Management

SOP for Hazardous Chemicals and Radioactive Waste Management

CHHATRAPATI SHIVAJI SUBHARTI HOSPITAL		
SOP: Biomedical Waste Management	Issue No: 02 Rev. Date: 03/01/2024 Rev. No:02	
Doc No. : SMC/CRS/MBL/17	Issue Date: 18/01/2024	
Reference ISO 15189:2012 (NABL Standard)	Page | 1	Total pages: 21

BIOMEDICAL WASTE MANAGEMENT

Laboratory Guidelines for Segregation, Transportation, Storage & Disposal of Biomedical Waste as per 2016, Amendment 2018

Including COVID-19 waste



Compiled, Prepared & Issue by

HOSPITAL INFECTION CONTROL COMMITTEE

Chhatrapati Shivaji Subharti Hospital,

Subharti Medical College, Meerut

Name of copy holder:

Revision Date: 03/01/2024

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Prepared & Reviewed by: ICO & Secretary HICC	Approved by: MS, CSSH
Dr. ANITA PANDEY M.D. Professor Microbiology Subharti HICC C.S.S.H.	Medical Superintendent Chhatrapati Shivaji Subharti Hospital Subhartipuram, Meerut.

INTRODUCTION

The University has defined different types of wastes separately and has designed schemes for proper management from their places of generation to the place of final disposal.

1. What is Waste?

"Waste" means materials, that are not products or by-products, for which the generator has no further use for the purposes of production, transformation or consumption.

2. Biomedical Waste:

Bio Medical Waste by definition is **any waste generated in the diagnosis, treatment or immunization of human beings or animals and /or in research.** In practical sense, it would encompass all the activities related to patient-care, which generated any waste is "Medical waste".

3. Biomedical - Hazardous Waste:

Any substance, whether in solid, liquid or gaseous form, which has no foreseeable use and which by reasons of any physical, chemical, reactive, toxic, flammable, explosive, corrosive, radioactive or infectious characteristics causes danger or is likely to cause danger to health or environment, whether alone or when in contact with other wastes or environment, is a hazardous waste. When such type of waste is generated as a result of causes mentioned in point number 2 herein above, it becomes a biomedical-hazardous waste. However, there is a little difference between Biomedical and Biomedical-Hazardous Waste because the Biomedical waste is generally hazardous.

4. Non-Biomedical – Hazardous waste

The non-biomedical hazardous waste can be generated in various science laboratories of the University and workshops.

5. Hazardous Wastes can also be classified into-

(i) Solid wastes (ii) Liquid wastes (iii) Gaseous wastes (iv) Sludge wastes.

6. Identification of Hazardous Waste Generation:

Identification of waste as hazardous is a first and foremost aspect in hazardous waste management. A team of the experts may be consulted from time to time to update the present level of information and knowledge.

WASTE MANAGEMENT

There is a growing concern all over the world for the safe disposal of Biomedical & Hazardous Wastes generated from anthropogenic & other sources.

A. Biomedical Waste Management:

The Biomedical Hazardous/non-hazardous Waste needs to be disposed off in a secured manner in view of their characteristic properties. There are different steps achieving the aim of proper disposal of the Biomedical & Hazardous Waste.

Correct handling of the biomedical waste at the stages of segregation, collection, transport and ultimate disposal is essential for the health and well-being of patients, hospital staff, community and environment. It is an important aspect of overall Infection

control program as most hospital waste is potentially hazardous, when not segregated and disposed of correctly.

(I) SEGREGATION OF WASTE:

To streamline over all handling of hospital waste, it has been classified into 4 categories. The waste segregation with an ultimate aim of safe handling and disposal has been classified into categories by giving colour coding for collection. Segregation at the point of generation ofwaste must be in accordance with this colour coding. Category wise waste segregation and collection is of utmost importance.

BIOMEDICAL WASTE SEGREGATION

CATEGORY & TREATMENT OPTION	TYPE OF WASTE	STORAGE
YELLOW (Non- chlorinatedBag) ❖ INCINERATION	❖ Bandage: soiled &unsoiled ❖ Gauze : soiled &unsoiled ❖ Swabs: soiled &unsoiled ❖ Linen: soiled &unsoiled ❖ Disposable cap(non-plastic) ❖ Apron (non-plastic) ❖ Face mask(non-plastic) ❖ Disposable shoe covers(non-plastic) ❖ Disposable bed sheets ❖ Beddings, Mattresses ❖ Human & animal anatomicalwaste: Body parts/Dead fetus/ Placenta/Histopathology tissue ❖ Specimen paraffin wax ❖ Discarded medicine ❖ Expired antibiotics ❖ Cytotoxic drugs includingthe items with cytotoxic drugs along with glass or plastic ampoules, vials ❖ Diapers/Napkins ❖ Cotton balls ❖ Chemicals ❖ Laboratory stocks used forculture ❖ Microbiology Culture, other clinical Lab waste, Blood bag,Live / attenuated vaccines (Autoclave safe plastic bag)	48 hrs or ¾th filled whichever is earlier (Bags are collected and deposited in Central waste collection facility from where it is handed over to Synergy) Pre-treat to sterilize in Lab as per NACO/WHO guidelines

CATEGORY & TREATMENT OPTION	TYPE OF WASTE	STORAGE
RED (Non- chlorinated Bag) ❖ AUTOCLAVE ❖ MICROWAVE ❖ SHREDDING	Contaminated waste (Recyclable) ❖ IV sets/ Plastic IV bottles ❖ Urobags /Catheters ❖ All plastic tubings ❖ Nebulization mask ❖ Syringes (without needles &fixed needle syringes) ❖ Plastic test tube ❖ Pipettes/ Disposable tips ❖ Plastic vacutainer ❖ Ryles tube ❖ Nasogastric tubes ❖ Suction catheter ❖ Cardiac cannulas ❖ Foleys catheter ❖ ICD tubes /ET tube ❖ Blood set/Drains ❖ Needle cap ❖ Empty alcohol rub &alcohol wash bottle ❖ Gloves- soiled /unsoiled ❖ Disposable cap(plastic) ❖ Apron(plastic) ❖ Face mask(plastic) ❖ Disposable shoe covers (plastic) ❖ Plastic culture bottles ❖ Sample containers plastic	48 hrs or ¾th filled whichever is earlier(Bags are collected and deposited in Central waste collection facility from where it is handed over to Synergy)

CATEGORY & TREATMENT OPTION	TYPE OF WASTE	STORAGE
Puncture & leak proof containers with BLUE colouredmarking ❖ DISINFECTION RECYCLING	❖ Glass test tubes ❖ Empty glass bottles ❖ Contaminated glass bottles ❖ Glass ampoules containing discarded/Expired medicines except chemotherapeutic medicines ❖ Metallic body implants ❖ Reusable glass slide ❖ Broken ampoules ❖ Broken slides	48 hrs or ¾thfilled whichever is earlier (Bags are collected and deposited in Central waste collection facility from where it is handed over toSynergy)

CATEGORY & TREATMENT OPTION	TYPE OF WASTE	STORAGE
WHITE Translucent Puncture Proof Leak Proof Container ❖ AUTOCLAVE ❖ SHREDDING SHARP PIT	❖ Lancets, Blades, Scalpels ❖ Microtomes slides from histopathology ❖ Disposable needles ❖ Razor ❖ Venflon stilett ❖ Vacutainer needles ❖ LP needles ❖ Suture needles ❖ Syringes with fixed needles	48 hrs or ¾th filled whichever is earlier (Container are collected and deposited in Central waste collection facility from where it is handed over to Synergy)

(II) STORAGE:

The waste collected from the hospital shall be stored for not more than 48 hours in Bio-medical waste Storage room located in the premises of the hospital. The entry is restricted to only authorized staff and door closed or grilled so that it is out of reach of animals.

(III) TRANSPORTATION:

The waste shall be collected in specially designed collection vans from the storage area once a day by the contractor.

(IV) FINAL DISPOSAL:

The infectious waste collected is disposed as described in the protocol given below and as perrecommendation in BMWM Rule 2016 waste disposal management.

The non-infectious waste (Black) is collected by the municipal waste disposal system.

(V) PRE-TREATMENT: -

Pre-treatment will be done only for Microbiology lab waste

(i) Chemical treatment must be done by using at least 1% hypochlorite solution or any other equivalent chemical reagent.

(ii) There will be no chemical pre-treatment before incineration.

(iii) Chlorinated plastics shall not be incinerated.

(VI) DEEP BURIAL

Deep Burial is available since the part of the huge premises of the University campus comes in the Village area. However, the material for deep burial material shall be disposed off only through a certified waste disposal agency/Synergy.

B. Non medical hazardous waste

This SOP will basically cover the Medical group of the University (Medical college and Hospital, Dental College, Pharmacy mainly and other college if the need be) and in the non Medical group The Faculty of Science Faculty of Engineering and Technology

(I) <u>The Medical College and Hospital:</u>

(i) The College and the Associated Hospital have got several machines which emit radiation. It will be necessary for the Medical College to strictly follow the rules and regulations of the AERB regarding the installation and running of any machine which can emit radiation. The Medical College will regularly procure and update the AERB certificates for each machine.

(ii) The Medical College will appoint a RSO to ensure the fulfilment of the AERB regulations.

(iii) The Radiology department if uses the old fashioned process of developer and fixer for the teaching purposes of students of paramedical or medical field, will ensure that the liquid waste is necessarily disposed off in the ETP.

(II) <u>Dental College and Hospital</u>

(i) If the department of Oral Medicine & Radiology uses the old fashioned process of developer and fixer for the teaching purposes of students of para-dental or dental field, the HOD will ensure that the liquid waste is necessarily disposed off in the ETP.

(ii) The AERB protocol shall be necessarily followed before & after installation of any machine which may emit radiation. The Principal will ensure obtaining AERB certificate for each such machine.

(iii) The hospital waste will be segregated as per biomedical waste norms.

(iv) The waste produced as a result of using the old fashioned mercury based filling technique for the purposes of teaching of students of Dental or Para-dental courses, shall be disposed of in a special plastic container which will be disposed of by burring underground through the hired agency.

(III) Pharmacy, Engineering and Technology, Science Colleges

(i) The chemical waste from these units will be of the chemical waste from the laboratories after experiments.

(ii) It will be ensured that it is not disposed off in the basins.

(iii) All such liquid will be collected and sent to the ETP Plant.

C. Collection and Transportation of Hazardous waste

(I) Collection of Hazardous Waste is performed by the specially designated van in which coloured bins are provided by the University for the Specific Type of waste.

(II) The van of the contractor/University visits each college for waste collection between 3:00PM to 4:00PM on all working days.

(III) The waste generated by different labs of the constituent colleges/hospital of the university shall be collected in the specified waste collection bins.

(IV) After collection all the waste will be transported to the storage/treatment site located in the University for further processing for disposal.

INFRASTRUCTURE

A. The Biomedical waste management unit

(I) The University has installed the necessary basic machinery for incineration, autoclaving, chemical disinfection, shredding & also deep burial facility in a remote corner of its campus and handed over to a certified Government agency by the name of Synergy Waste Management Company for effectively managing the facility.

(II) The University has entered into an agreement with the Synergy Waste Management company for collection and disposal of biomedical and hazardous waste in a scientific manner.

B. ETP & STP Units

(I) The University has installed two ETP Units for the scientific treatment of liquid biomedical waste.

(II) Almost all the places, which require the facility of ETP are connected by a separate line with the ETP plant. However, the liquid from those places which could not be connected with the ETP plant through a pipe line is collected in containers and is disposed off in the ETP through a special inlet valve.

(III) After treatment of the liquid biomedical waste, the treated liquid goes to the STP which has also been installed by the University.

C. The Management

(I) The University provides colour coded bags for the collection of waste material at the sight of its generation.

(II) The University provides the colour bins and containers for storage of the waste of different types within the hospital and other colleges and departments of the University.

(III) The University has constructed the waste storage facility for the temporary storage of waste material.

(IV) The Synergy Waste Management Company also provides the vans for transportation of Biomedical and hazardous waste.

(V) The University has purchased its own waste disposal vans for collecting the different types of waste including the biomedical and hazardous waste separately also.

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Standard Operating Procedure (SOP) for Covid Waste Management

STANDARD OPERATING PROCEDURE (SOP) FOR COVID WASTE MANAGEMENT

SWAMI VIVEKANAND

SUBHARTI UNIVERSITY

MEERUT-250005

Guidelines for Handling, Treatment and Disposal of Waste Generated during Treatment/Diagnosis/ Quarantine of COVID-19

In order to deal with COVID-19 pandemic, the University has decided to issue the following instructions to be followed by all the concerned persons especially in the Medical and the Dental Colleges and associated hospitals.

Though the basic principle of management of BMW is as per Rule 2016 & Amendment 2018, this notification is a Guideline for Handling, Treatment and Disposal of Waste Generated during Treatment/Diagnosis/ Quarantine of COVID-19 patients and persons staying in quarantine hostel.

(A) COVID-19 Isolation wards/ICU: (isolation wards are those where COVID-19 positive patients are being kept for treatment / diagnosis)

The Medical College needs to follow these steps to ensure safe handling and disposal of biomedical waste generated during treatment;

a) Keep separate color coded bins (with foot operated lids) 2/bags/containers in wards and maintain proper segregation of waste as per BMWM Rules, 2016 as amended and CPCB guidelines for implementation of BMW Management Rules **labelled as "COVID-19Waste".**

b) As precaution double layered bags (using 2 bags) should be used for collection of waste from COVID-19 isolation wards so as to ensure adequate strength and no-leaks.

c) Collect and store biomedical waste separately prior to handing over the same CBWTF. Use a dedicated collection bin labeled as "COVID-19 Waste" and keep separately in temporary storage room prior to handing over to authorize staff of CBWTF **(Synergy)**. Biomedical waste collected in such isolation wards can also be lifted directly from ward into CBWTF collection van.

d) **General solid waste**: comprising of wrappers of medicines/syringes, fruit peel offs, empty juice bottles or tetra packs, used water bottles, discarded papers, carton boxes of medicines, empty bottles of disinfectants, left-over food, disposable food plates etc., should be collected separately as per SWM Rules, 2016. In order to minimize waste generation, as far as possible, non-disposable items must be used for serving food, which are to be handle with appropriate precautions and cleaned and disinfected as per hospital guidelines. If use of

disposable items is inevitable, use bio-degradable cutlery. The wet and dry solid waste bags to be tied securely in leak-proof bags, sprayed with sodium hypo-chlorite solution and hand over to authorize waste collector of Nagar Nigam on daily basis. Yellow colored bags should not be used for collecting general solid waste. Compostable bags should be used for collecting wet- waste.

e) Use **dedicated trolley** and **collection** bins and **label as "COVID-19Waste".**

f) The (inner and outer) surface of containers/bins/trolleys used for storage of COVID-19 waste should be disinfected with 1% sodium hypochlorite solution daily.

g) Depute dedicated sanitation workers separately for biomedical waste and general solid waste so that waste can be collected and transferred timely to temporary waste storage area.

h) Feces from COVID-19 confirmed patient, who is unable to use toilets and excreta is collected in diaper, must be treated as biomedical waste and should be placed in yellowbag/container.

i) However, if a bedpan is used, then feces to be washed into toilet and cleaned with a neutral detergent and water, disinfected with a 0.5% chlorine solution, then rinsed withclean water.

j) Collect used PPEs such as goggles, face-shield, splash proof apron, Plastic Coverall, Hazmet suit, nitrile gloves into RED BAG.

k) Collect used mask (including Triple layer mask, N95 mask etc.), head cover/cap, shoe- cover, disposable linen Gown, non-plastic or semi-plastic coverall in YELLOW BAGS.

l) Used masks, tissues and toiletries, of COVID-19 patient shall become biomedical waste and shall be segregated in Yellow bag.

m) Segregation of biomedical waste and general solid waste should be done at the point of generation in wards / isolation rooms. There should be no segregation of biomedical waste and solid waste at temporary waste collection / storage area to ensure occupational safety.

n) Provide training to Waste handlers about infection prevention measures ie. Hand hygiene, Respiratory etiquettes, social distancing, use of appropriate PPE, etc. by videos and demonstration in Hindi language. Designated nodal officer for biomedical waste management in hospital shall provide training. Nodal officers, in turn, need to betrained by the doctors deputed by the Medical Superintendent/Principal of the College.

(B) Sample Collection Centers and Laboratories for COVID-19 suspected patients

a) Pre-treat viral transport media, plastic vials, vacutainers, eppendorf tubes, plastic cryovials and pipette tips as per BMWM Rules, 2016 and collect in RED BAGS.

(C) Quarantine Hostels

a) **Biomedical waste generated from Quarantine Hostels would be treated as 'domestic hazardous waste' as defined under Solid Waste Management Rules, 2016, and shall be disposed as per provisions under Biomedical Waste Management Rules, of the University**.

b) Left-over food, empty juice bottles or tetra packs, empty water bottles, packaging material, and any other items, generated or handled by COVID-19 suspected person should be collected along with other general solid waste in bags securely tied for handing over to waste collectors engaged by Nagar Nigam. Yellow colored bag should not be used for general solid waste.

c) Only the used masks, gloves and tissues or swabs contaminated with blood / body fluids of COVID-19 suspected persons, including used syringes, medicines, etc., if any generated should be treated as biomedical waste and collect the same in yellow bag.

d) Masks and gloves used by persons other than COVID-19 patients should be kept in paper bag for a minimum of 72 hours prior to disposal of the same as general waste after cutting the same to prevent reuse.

e) Waste collectors arriving at quarantine center to spray the disinfectant (1% sodium hypochlorite solution) on the solid waste bags and the bin used for yellow bags.

(D) Management of wastewater from Hospital:

a) As the risk of transmission of virus that causes COVID-19 through sewerage systems is thought to be low. Transmission to operators may be possible during treatment of sewage treatment plants;

b) The in-charge of ETP/STP unit shall continue to ensure disinfection of treated wastewater to inactivate corona viruses.

c) Operators of ETPs/STPs should adopt standard operational practices, practice basic hygiene precautions, and wear personal protective equipment (PPE). PPEs should include Goggles, face mask, liquid repellant coveralls, waterproof gloves and Rubber boots.

(E) Disposal of used PPEs

PPE disposal:

a. Gloves, plastic apron, goggles –RED Bag

b. Non-plastic items such as Mask, gown, cap, shoe cover : YELLOW Bag

i. Masks and gloves in general households should be kept in paper bag for a minimum of 72 hours prior to disposal of the same as dry general solid waste after cutting/shredding the same to prevent reuse.

ii. Discarded PPEs containing plastic should be shredded and sent to SPCB authorized plastic waste recyclers, or may be converted into refuse derived fuel or for road making.

iii. PPEs doffed by healthcare workers accompanying diseased body of COVID-19 patient to crematorium / graveyards should be treated as biomedical waste and disposed as per provisions under SWM Rules, 2016 and BMW Management Rules, 2016.

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E - Waste Policy

SWAMI VIVEKANAND SUBHARTI UNIVERSITY
UGC Approved Meerut
ACCREDITED WITH GRADE A NAAC

E-Waste Policy



E-Waste Policy

Based on the Ministry of Environment, Forest and Climate Change notified the E-Waste Management Rules, 2016 on 23 March 2016 in supersession of the e-waste (Management & Handling) Rules, 2011, Swami Vivekanand Subharti University is redefining university's E waste policy as a document with fixed responsibilities

Introduction

E-waste is a general category for electronic products facing displacement or replacement that are hazardous due to the toxic metals present with their internal materials, coatings and glass. E-waste contains metals and other materials that can be hazardous to human health and the environment if they are not properly managed. Swami Vivekanand Subharti University acknowledges the need for proper e-waste handling and disposal.

E-waste Definition: Electronic waste or e-waste may include personal computers, monitors, televisions, keyboards, printers, telephones, typewriters, calculators, copiers, fax machines and audio equipment.

TYPES OF ELECTRONIC WASTE

- Fridges, freezers and other cooling equipment.
- Computers and telecommunications equipment.
- Consumer electronic devices and solar panels.
- TVs, monitors and screens.
- LED bulbs.
- Vending machines.

E-waste Policy Guidelines:

1. The University endeavours to ensure environmental conservation and protection from the effects of e-waste.

2. The University recognizes :

a. The need to dispose e-waste in manner that is safe and sound with respect to its staff, students, and Institutional operations.

b. The need to establish clear guidelines on e-waste management. The university is having a provision to constitute an e-waste advisory committee to implement above mentioned policy under the chairmanship of Vice Chancellor or Chairman, nominated by Vice Chancellor. University may have the following members in advisory committee.

Chairman: Vice Chancellor/ his Nominee

Members: i) Additional Registrar (General)
ii) Finance officer
iii) Chief Technical Officer
iv) Central Store Manager – Member Secretary

Under University's social responsibility university will provide technical Help to various Schools preferably Government schools. These schools must be chosen by specific team of university as constituted with approval of Vice Chancellor, to find out schools in specific areas based on certain parameters to donate computers and electronics items.

3. **Implementation**

(i) All University surplus electronic devices, including computers and computer peripherals, must be sent to the E-Waste Management team to determine if the surplus electronic device should be donated to local schools as specified, or should be sold through as per policy of the University, or should be recycled.

(ii) The C.T.O., or E-waste management team, SVSU will be responsible for inventory control of surplus electronic devices and relaying asset numbers to the Central Receiving Inventory to remove items from university inventory as per recommendation of the committee.

(iii) E-Waste Management team will pick up e-waste items from the Department or section based on recommendation of C.T.O. and his team. Items must be categorized for recycling purpose or donation purpose as per recommendation of the committee.

(iv) The C.T.O. or E-waste management team, SVSU is responsible for record keeping and certification of disposal for all e-waste as per recommendation of the committee.

(v) Consumers can be approached for collection of e-waste / end of life products. E-Waste for a period not exceeding one hundred and eighty (180) days and shall maintain a record of collection, sale, transfer and storage of wastes and make these records available for inspection.

4. **Responsibilities** Registrar, SVSU, or C.T.O. or E-Waste management team is responsible for adhering to this policy and will ensure that their subordinates adhere to this policy. Any employees of E-waste management team who fail to comply with this policy may be subject to disciplinary action for noncompliance with university policies.

5. **Review Policy** The policy shall be reviewed after every five years or earlier, as need arises. For reference Purpose and understanding Salient Features of the E-Waste (Management) Rules, 2016 and its likely implication has been enclosed.

Salient Features of the E-Waste (Management) Rules, 2016 and its likely implication

e-waste (Management & Handling) Rules, 2011	E-Waste (Management) Rules, 2016	Reasons /and Likely implications
Title		
e-waste (Management & Handling) Rules, 2011	E-Waste (Management) Rules, 2016	
Applicability		
Producer, consumer or bulk consumer, collection centre, dismantler and recycler	expanded to manufacturer, dealer, refurbisher and Producer Responsibility Organization (PRO)	to address leakage of e-waste to informalsector at all the stages of channelization.
Only to Electrical and Electronic Equipment (EEE) as listed in Schedule I	Extended to components, consumables, spares and parts of EEE in addition to equipment as listed in Schedule I	Bulk of e-waste comprises of components, consumables, spares and parts of EEE which were not getting addressed in previous rules entailing to the scope of their channelization to informal sector.
	Compact Fluorescent Lamp (CFL) and other mercury containing lamp brought under the purview of rules.	Taking into account the lack of any regulation for management of CFL and other mercury containing lamp, CFL has been included in Schedule I which provide the list of EEE to which this rule is applicable.
Exemption		
Micro and Small industrysector as	Micro enterprises as defined in the Micro, Small and	Exemption continues for micro enterprises; however small

defined in Micro Small and Medium Developmental Act, 2006	Medium Enterprises Development Act, 2006	enterprises, which have been referred as one of the major source of generation of e-waste, have been included in the rules for responsibility as manufacturer, **without burdening them with EPR responsibility as applicable to Producers.**

Collection Mechanism		
Collection Centers can be set up by producer or by any person or agency or association for the purpose of collecting e-waste. Separate authorization from SPCBs for setting up of such collection centres was necessary.	Collection is now exclusively Producer's responsibility, which can set up collection centre or point or even can arrange buy back mechanism for such collection. No separate authorization for such collection will be required, which will be indicated in the EPR Plan of Producers.	The rules provide for setting up of individual collection centres which were not necessitated as part of EPR Authorization, thus giving leeway to Producers for not setting up such collection centres. Shift from collection centre to collection mechanism approach and removal of need of separate authorization will ensure effective collection simultaneously ensuring flexibility for Producers for implementation. This will check leakage of flow of e-waste to unauthorised players.
Extended Producer Responsibility (EPR)		
The Producers are required to obtain authorization from SPCB / PCCs for implementing their Extended Producer Responsibility for effective channelization of E-waste to the registered dismantlers / recyclers.	Single EPR Authorization for Producers is now being made CPCB's responsibility to ensure pan India implementation. Procedure for seeking the authorization and for effective implementation has now been elaborated with various kind of	Need for separate EPR authorization from each state lead to significant delays and thus failure in implementation of EPR. There had been significant lack of initiatives from Producers w.r.t. implementation of EPR

	flexibilities provisions	and for capacity building and awareness initiatives, though mandated in the rules due to lack of elaborate procedure for the same in the rules which has now been elaborated step- wise.
Flexibility for ease of implementation of EPR		
No provisions	Option has been given for setting up of PRO, e-waste exchange, e-retailer,	These are various non-mandatory options for ease of implementation of EPR

Target based approach for collection under EPR		
No such provision	Collection and channelization of e-waste in Extended Producer Responsibility - Authorisation shall be in line with the targets prescribed in Schedule III of the Rules. The phase wise Collection Target for e-waste, which can be either in number or Weight shall be 30% of the quantity of waste generation as indicated in EPR Plan during first two year of implementation of rules followed by 40% during third and fourth years, 50% during fifth and sixth years and 70% during seventh year onwards.	Target based approach for implementation of EPR has been adopted on the basis of existing international best practices which indicate higher success rate for implementation of EPR in those countries having target based EPR mechanism. Target based approach (Minimum) is being used in many countries like Japan (redcycling rate 50% to 60%), South Korea (Recyxcling rate 55% to 70%), UK (Recycling and recocvery rate 50% to 80%) and Netherlands (recycling rates 45% to 75%). As it may be noted in all these countries target is with reference to successful recycling rate, whereas in India we have just began with adoption of successful collection rate to begin with. Further, the minimum target has been 45-55% internationally. Whereas, in India in order to gain experience the target has

		been kept as collection rate of 30% of the total e-waste generated as per the EPR plan submitted by Producer themselves. In order to ascertain the annual quantity of waste generated, category wise average life and the weight shall be used and this will be applied tom sales figure of the producers to arrive at the quantity of e-waste generation. All the details will be prescribed in the CPCB guidelines.
Simplification of Permissions		
Authorization Dismantler and Recyclers to obtain Authorization and Registration, separately. Separate EPR authorization by all the states.	No separate authorization for collection center which shall be part of EPR now Registration/ authorization for dismantling and recycling through one system i.e. Authorization instead of both registration and authorisation. Pan India EPR authorization by CPCB	Simplification of various permissions to avoid delays.
Economic Instrument for implementation of the rules		
No specific citation	Deposit Refund Scheme has been introduced as an additional economic instrument wherein the producer charges an additional amount as a deposit at the time of sale of the electrical and electronic equipment and returns it to the consumer along with interest when the end-of-life electrical and electronic equipment is	An optional financial mechanism for effective implementation of EPR

	returned;	
E-waste exchange		
No specific citation	The e-waste exchange as an option has been provided in the rules.	The e-waste exchange as an option has been provided in the rules as an independent market instrument offering assistance or independent electronic systems offering services for sale and purchase of e-waste generated from end-of- life electrical and electronic equipment between agencies or organizations authorised under these rules
Responsibilities of Manufacturer		
No provision	To collect e-waste generated during the manufacture of any electrical and electronic equipment and channelise it for recycling or disposal and seek authorization from SPCB;	To check the leakage to informal sector.
Responsibilities of dealers		
No provision	In the case the dealer has been given the responsibility of collection on behalf of the producer, the dealer shall collect the e-waste by providing the consumer a box Dealer or retailer or e-retailer shall refund the amount as per take back system or Deposit Refund Scheme of the producer to the depositor of e-waste	This will provide flexibility to producer for channelization and ensure ease of implementation by consumers for depositing the e-waste at end of life
Responsibilities of the refurbisher		

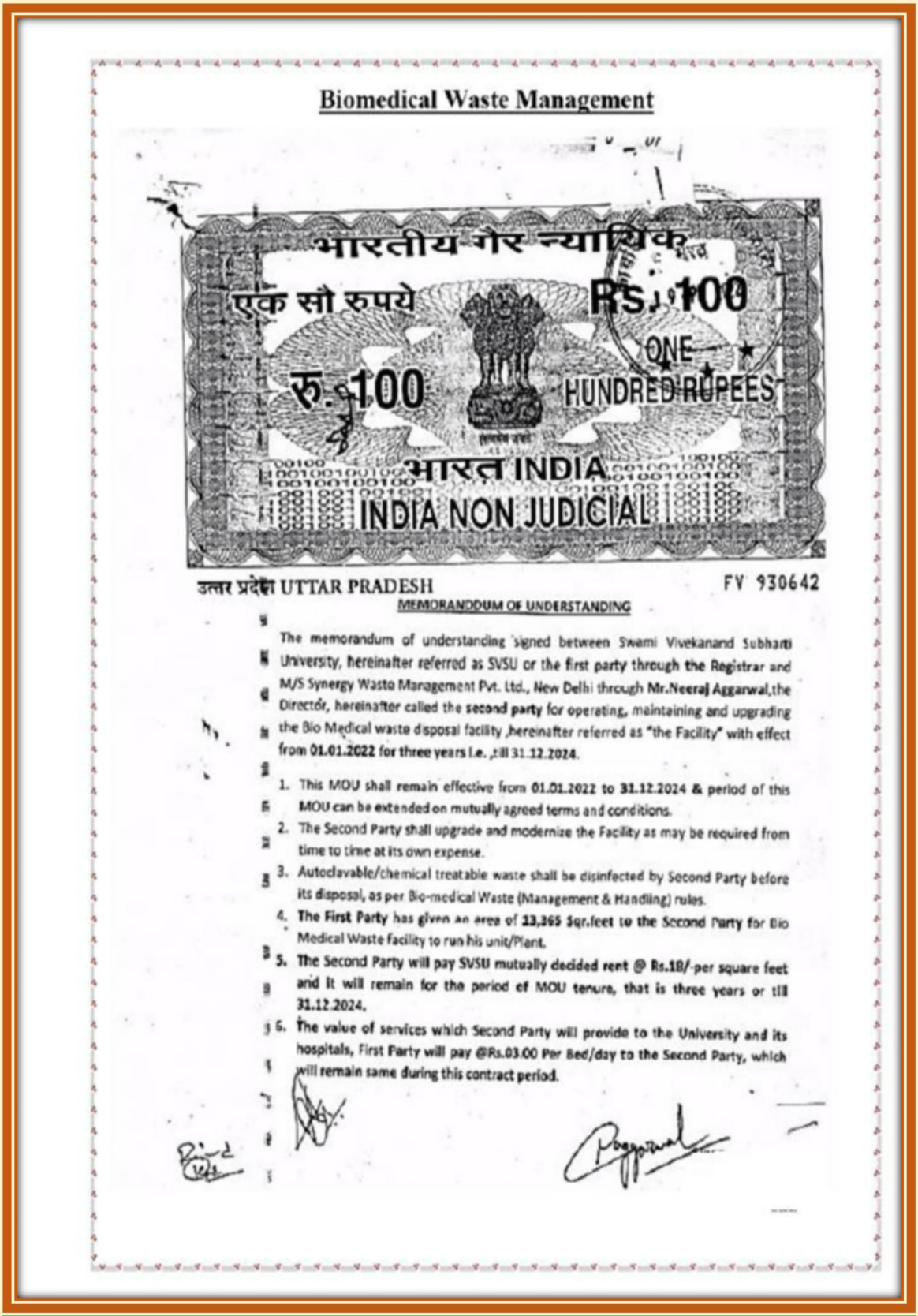
No provision	Collect e-waste generated during the process of refurbishing and channelise the waste to authorised dismantler or recycler through its collection centre and seek one time authorization from SPCB;	To check the leakage to informal sector
Obligations for Bulk Consumer		
'bulk consumer' means bulk users of electrical and electronic equipment such as Central Government or State Government Departments, public sector undertakings banks, educational institutions, multinational organisations, international agencies, partnership and public or private companies that are registered under the Factories Act, 1948 (63 of 1948) and the Companies Act, 2013 (18 of 2013). No provision on annual return	Bulk Consumer is being redefined by adding 'and health care facilities which have turnover of more than one crore or have more than twenty employees' They need to file annual returns	To bring clarity in respect of definition and to put obligations on bulk consumers who are major generators and whose compliance was non satisfactory due to lack of any concrete obligation on reporting
Responsibility of State Government		
No provision	The roles of the State Government has been also introduced in the Rules in order to ensure safety, health and skill development of the workers involved in the dismantling and recycling operations. Theseresponsibilities are	Involvement of state government for effective implantation of the rules and simultaneously ensure welfare, safety and health of the workers involved in this e- waste management sector.

	as given below: (i) Department of Industry in State or any other government agency authorised in this regard by the State Government is to ensure earmarking or allocation of industrial space or shed for e-waste dismantling and recycling in the existing and upcoming industrial park, estate and industrial clusters. (ii) Department of Labour in the State or any other government agency authorised in this regard by the State Government need to ensure recognition and registration of workers involved in dismantling and recycling; assist formation of groups of such workers to facilitate setting up dismantling facilities; undertake industrial skill development activities for the workers involved in dismantling and recycling; and undertake annual monitoring and to ensure safety & health of workers involved in dismantling and recycling; State Government to prepare integrated plan for effective implementation of	

	these provisions, and to submit annual report to Ministry of Environment, Forest and Climate Change.	
Reduction of Hazardous Substances (RoHS) during manufacturing stage		
Every producer of electrical and electronic Equipment and their components or consumables or parts or spares listed in Schedule I shall ensure that, new Electrical and Electronic Equipment and their components or consumables or parts or spares do not contain Lead, Mercury, Cadmium, Hexavalent Chromium, polybrominated biphenyls and polybrominated diphenyl ethers beyond a maximum concentration value of 0.1% by weight in homogenous materials for lead, mercury, hexavalent chromium, polybrominated biphenyls and polybrominated diphenyl ethers and of 0.01% by weight in homogenous materials for cadmium.	The procedure for implementation of ROHS has been elaborated and made explicit Provision on Reduction of Hazardous Substances (RoHS) and related Schedule II has been revised in line with existing EU regulatory framework which forms the basis of the provision. In case the products not comply with the RoHS provision, provision has been introduced to withdraw or recall the product from market and take corrective measures to bring the product into compliance;	For effective implementation In line with existing international practices. Stringent compliance mechanism
Transportation of e-Waste		
No provision	The transportation of whereby the transporter shall be required to carry a document (three copies) prepared by the sender, giving the details as per Form-6:	To prevent leakage of e-waste to informal sector during transportation

Liability provision		
No provision	Liability for damages caused to the environment or third party due to improper management of e-waste including provision for levying financial penalty for violation of provisions of the Rules has also been introduced	For effective implementation
Responsibility of Urban Local Bodies		
No specific citation	Urban Local Bodies (Municipal Committee / Council / Corporation) has been assign the duty to collect and channelized the orphan products to authorized dismantler or recycler.	To bring clarity in the rules for effective implementation and prevent leakage to informal sector

Biomedical Waste Management



Biomedical Waste Management

भारतीय गैर न्यायिक

एक सौ रुपये

Rs. 100

ONE HUNDRED RUPEES

रु. 100

भारत INDIA

INDIA NON JUDICIAL

उत्तर प्रदेश UTTAR PRADESH

FV 930642

MEMORANDUM OF UNDERSTANDING

The memorandum of understanding signed between Swami Vivekanand Subharti University, hereinafter referred as SVSU or the first party through the Registrar and M/S Synergy Waste Management Pvt. Ltd., New Delhi through Mr.Neeraj Aggarwal,the Director, hereinafter called the **second party** for operating, maintaining and upgrading the Bio Medical waste disposal facility ,hereinafter referred as "the Facility" with effect from **01.01.2022** for three years i.e. ,till 31.12.2024.

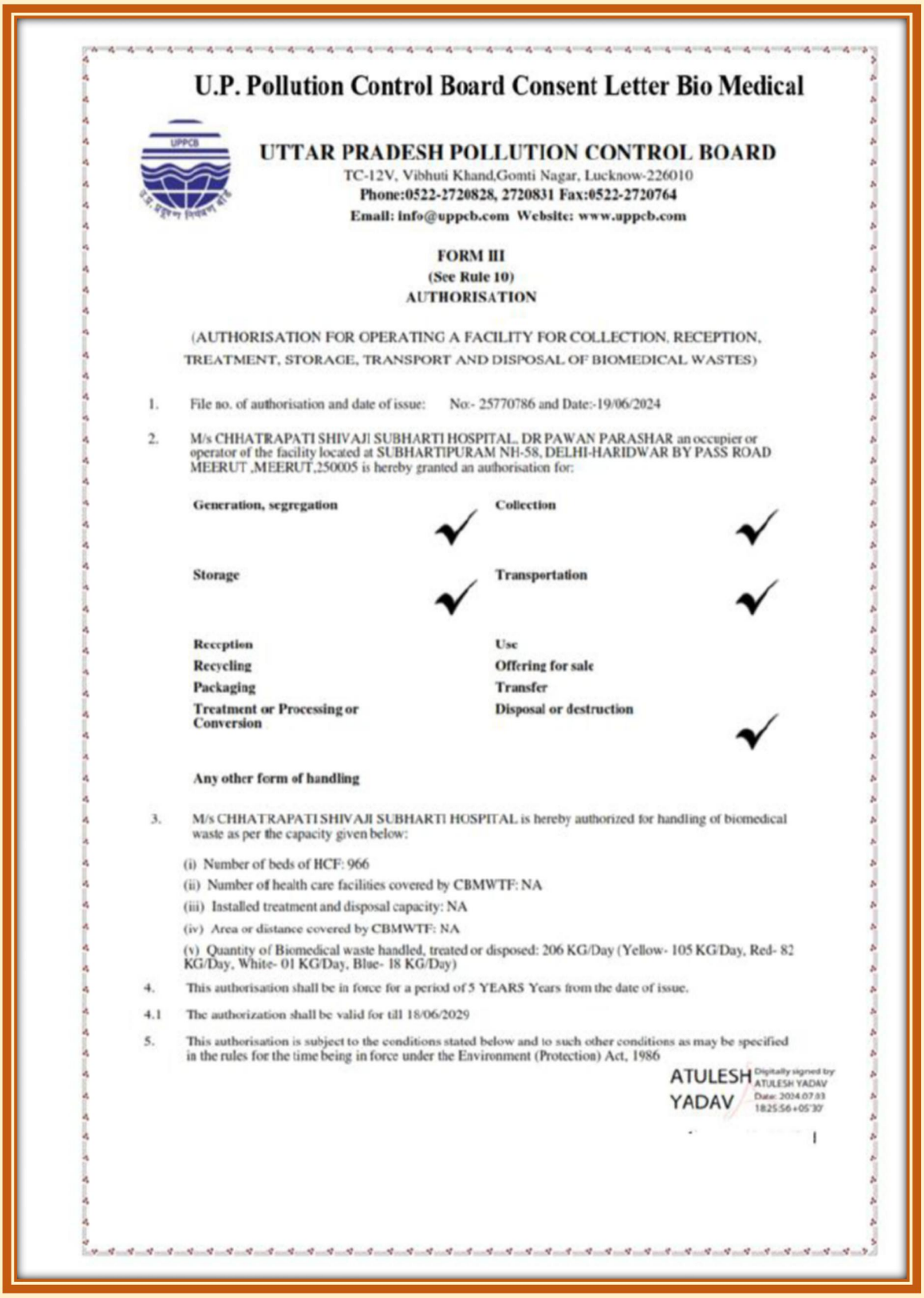
1. This MOU shall remain effective from **01.01.2022** to **31.12.2024** & period of this MOU can be extended on mutually agreed terms and conditions.
2. The Second Party shall upgrade and modernize the Facility as may be required from time to time at its own expense.
3. Autoclavable/chemical treatable waste shall be disinfected by Second Party before its disposal, as per Bio-medical Waste (Management & Handling) rules.
4. **The First Party** has given an area of **13,365** Sqr.feet to the Second Party for Bio Medical Waste facility to run his unit/Plant.
5. **The Second Party will pay SVSU mutually decided rent @ Rs.18/-per square feet and it will remain for the period of MOU tenure, that is three years or till 31.12.2024.**
6. **The value of services which Second Party will provide to the University and its hospitals, First Party will pay @Rs.03.00 Per Bed/day to the Second Party, which will remain same during this contract period.**

7. The First party will pay separately to the second party if color coded polythene bags for packing of Bio Medical Waste are provided by the second party as per negotiated rates.
8. However, if the second party is desirous of taking facility of Generator so that there is no disruption of services during any breakdown of electricity supply or cut by the Hydel department, the First Party shall provide the facility to the second party. The second party is required to apply to the Hydel department for obtaining the electrical connection. University will give the NOC to infavour of the second party.
9. **The Second Party shall pay the Electricity charges produced by the Generator @ Rs.14.00 Per unit to the First Party, if the Second party requires the Generator facility. The rates can be modified incase of change in the diesel prices.**
10. The Second Party will use the Gate No-11 instead of Gate No-2 for Bio Medical Waste vehicles to protect the environment and Hygiene of Patients, Students, attendants and the Staff members
11. Safety and maintenance of premises & equipments shall be responsibility of Second Party.
12. The Second Party will ensure that there is no inconvenience and damage to the health of the inhabitants as well as the pollution of environment of work area of the adjoining area due to its activities.
13. After the expiry of this MOU or its termination earlier for whatever reasons, the Second Party shall handover the Facility to First Party in good running conditions.
14. In case of any unwarranted incident/accident happen in the allotted space to second party causing damage to property/person (s),the second party will be solely responsible for entire loss/litigation and First party will not be held responsible for damages/losses.
15. This MOU can be terminated by either Party after **giving 3 months of** written notice to the other Party.

In confirmation to the above, both the Parties to this understanding lay their hands here under.

First Party to MOU	Second Party to MOU
(D.K. Saxena)	(Mr.Neeraj Aggarwal)
Registrar	Director
Swami Vivekanand Subharti University	Synergy Waste Management
Subharti Puram, Meerut	Pvt.Ltd.New Delhi

U.P. Pollution Control Board Consent Letter Bio Medical



U.P. Pollution Control Board Consent Letter Bio Medical

UTTAR PRADESH POLLUTION CONTROL BOARD

TC-12V, Vibhuti Khand,Gomti Nagar, Lucknow-226010
Phone:0522-2720828, 2720831 Fax:0522-2720764
Email: info@uppcb.com Website: www.uppcb.com

FORM III
(See Rule 10)
AUTHORISATION

(AUTHORISATION FOR OPERATING A FACILITY FOR COLLECTION, RECEPTION, TREATMENT, STORAGE, TRANSPORT AND DISPOSAL OF BIOMEDICAL WASTES)

1. File no. of authorisation and date of issue: No:- 25770786 and Date:-19/06/2024

2. M/s CHHATRAPATI SHIVAJI SUBHARTI HOSPITAL, DR PAWAN PARASHAR an occupier or operator of the facility located at SUBHARTIPURAM NH-58, DELHI-HARIDWAR BY PASS ROAD MEERUT ,MEERUT,250005 is hereby granted an authorisation for:

Generation, segregation	✓	**Collection**	✓
Storage	✓	**Transportation**	✓
Reception		**Use**	
Recycling		**Offering for sale**	
Packaging		**Transfer**	
Treatment or Processing or Conversion		**Disposal or destruction**	✓
Any other form of handling			

3. M/s CHHATRAPATI SHIVAJI SUBHARTI HOSPITAL is hereby authorized for handling of biomedical waste as per the capacity given below:

(i) Number of beds of HCF: 966
(ii) Number of health care facilities covered by CBMWTF: NA
(iii) Installed treatment and disposal capacity: NA
(iv) Area or distance covered by CBMWTF: NA
(v) Quantity of Biomedical waste handled, treated or disposed: 206 KG/Day (Yellow- 105 KG/Day, Red- 82 KG/Day, White- 01 KG/Day, Blue- 18 KG/Day)

4. This authorisation shall be in force for a period of 5 YEARS Years from the date of issue.

4.1 The authorization shall be valid for till 18/06/2029

5. This authorisation is subject to the conditions stated below and to such other conditions as may be specified in the rules for the time being in force under the Environment (Protection) Act, 1986

ATULESH YADAV Digitally signed by ATULESH YADAV Date: 2024.07.03 18:25:56 +05'30'

E-Waste Management Agreements and Certificate



E-Waste Management Agreement and Certificate

CERTIFICATE OF E-WASTE DISPOSAL

This is to certify that We Clean India Recycling Pvt. Ltd.

received E-waste From

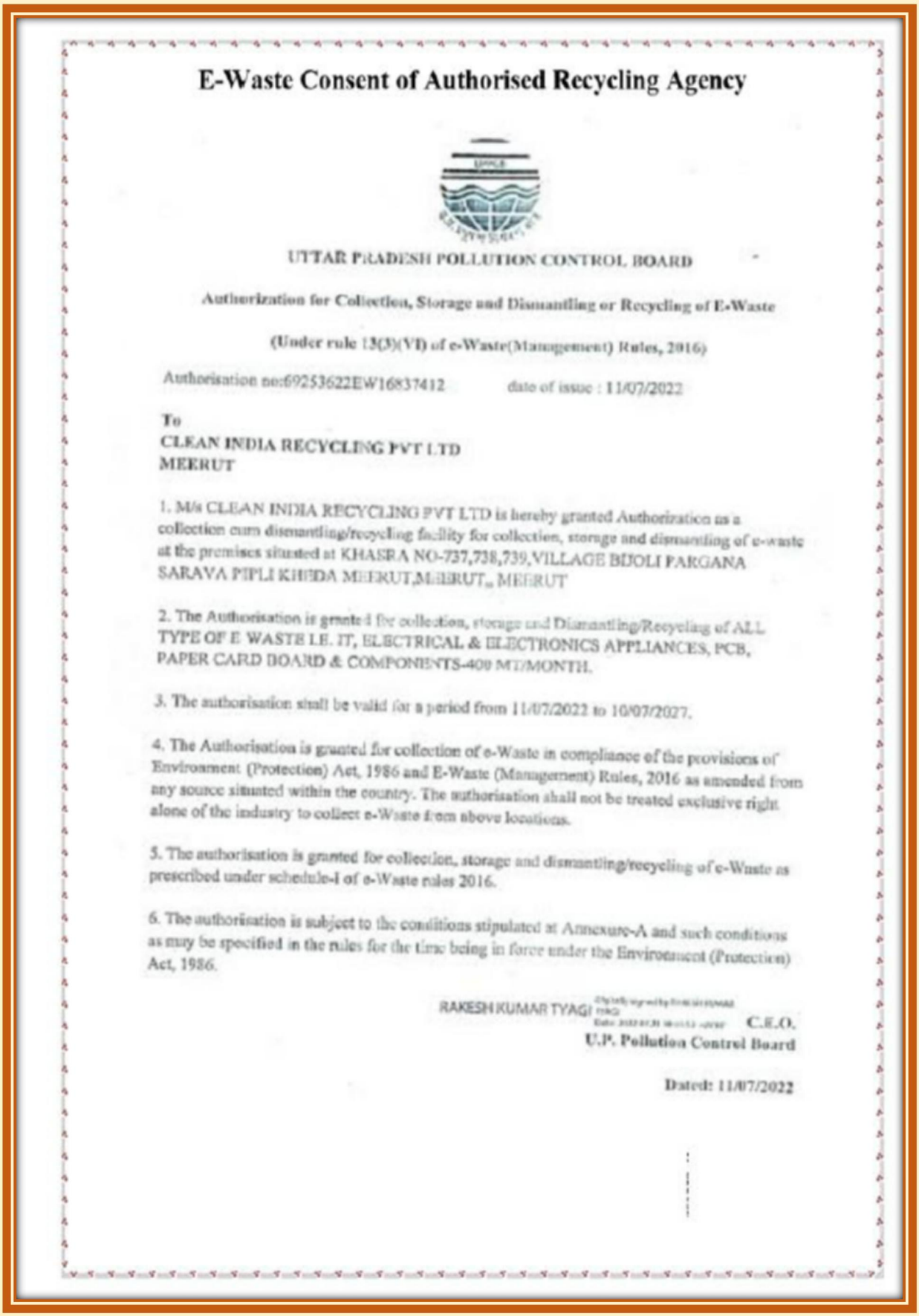
MTV Buddhist Religious & Charitable Trust, Subharti Puram, Meerut

Dated 22-02-2024, Tax Invoice No. 871 and has been disposed off in an environment friendly manner, vide certificate no. 009.

We approach your efforts in contributing to a greener environment.

Village, Bijoli, Peepli Kheda, Hapur Road, Meerut

E-Waste Consent of Authorised Recycling Agency



E-Waste Consent of Authorised Recycling Agency

UTTAR PRADESH POLLUTION CONTROL BOARD

Authorization for Collection, Storage and Dismantling or Recycling of E-Waste

(Under rule 13(3)(VI) of e-Waste(Management) Rules, 2016)

Authorisation no:69253622EW16837412 date of issue : 11/07/2022

To
CLEAN INDIA RECYCLING PVT LTD
MEERUT

1. M/s CLEAN INDIA RECYCLING PVT LTD is hereby granted Authorization as a collection cum dismantling/recycling facility for collection, storage and dismantling of e-waste at the premises situated at KHASRA NO-737,738,739,VILLAGE BIJOLI PARGANA SARAVA PIPLI KHEDA MEERUT,MEERUT,, MEERUT

2. The Authorisation is granted for collection, storage and Dismantling/Recycling of ALL TYPE OF E WASTE I.E. IT, ELECTRICAL & ELECTRONICS APPLIANCES, PCB, PAPER CARD BOARD & COMPONENTS-400 MT/MONTH.

3. The authorisation shall be valid for a period from 11/07/2022 to 10/07/2027.

4. The Authorisation is granted for collection of e-Waste in compliance of the provisions of Environment (Protection) Act, 1986 and E-Waste (Management) Rules, 2016 as amended from any source situated within the country. The authorisation shall not be treated exclusive right alone of the industry to collect e-Waste from above locations.

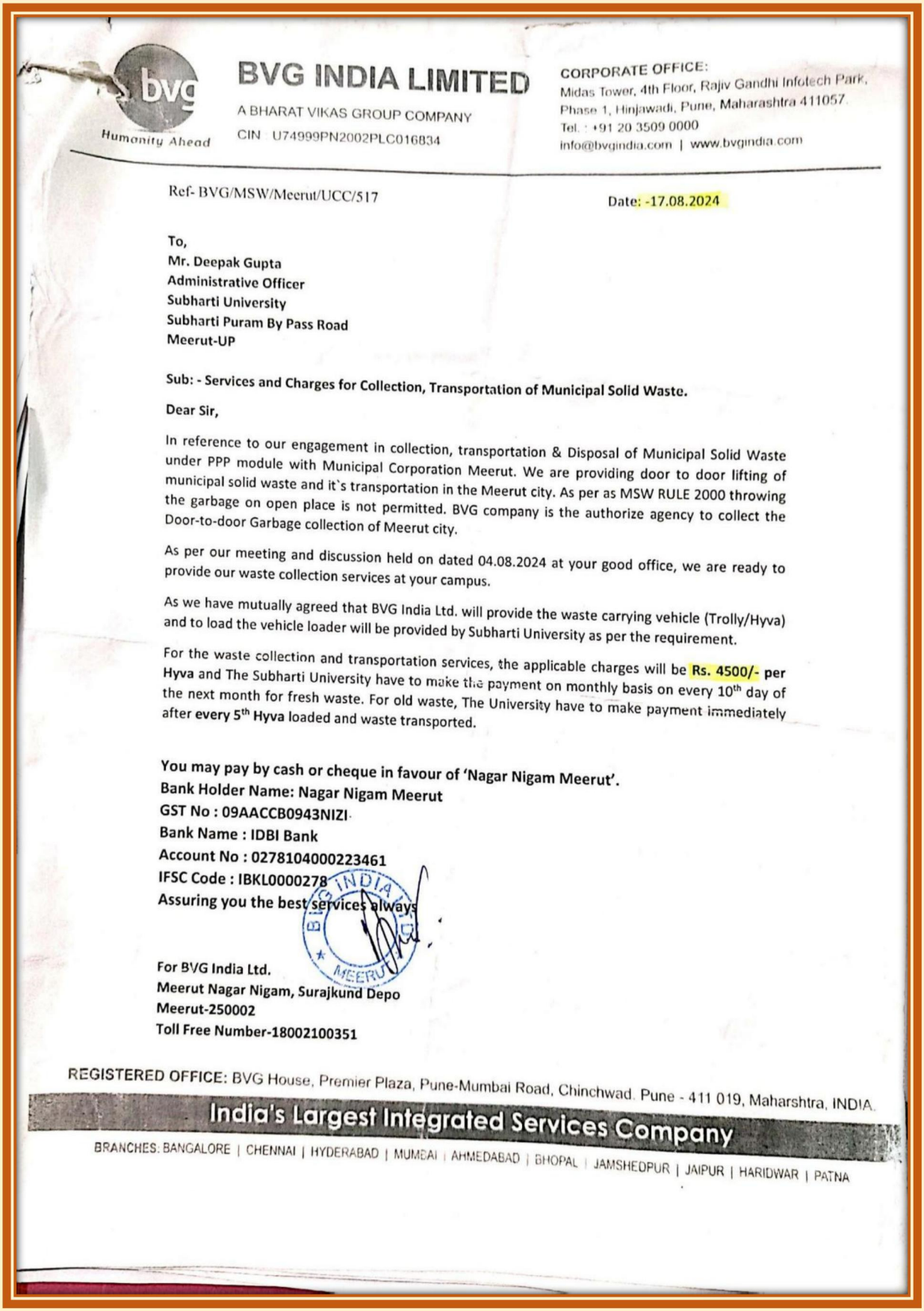
5. The authorisation is granted for collection, storage and dismantling/recycling of e-Waste as prescribed under schedule-I of e-Waste rules 2016.

6. The authorisation is subject to the conditions stipulated at Annexure-A and such conditions as may be specified in the rules for the time being in force under the Environment (Protection) Act, 1986.

RAKESH KUMAR TYAGI C.E.O.
U.P. Pollution Control Board

Dated: 11/07/2022

Transportation of Municipal (Sample 01) Date: 17/08/2024



BVG INDIA LIMITED

A BHARAT VIKAS GROUP COMPANY

CIN U74999PN2002PLC016834

CORPORATE OFFICE:
Midas Tower, 4th Floor, Rajiv Gandhi Infotech Park,
Phase 1, Hinjawadi, Pune, Maharashtra 411057.
Tel. : +91 20 3509 0000
info@bvgindia.com | www.bvgindia.com

Ref- BVG/MSW/Meerut/UCC/517 Date: -17.08.2024

To,
Mr. Deepak Gupta
Administrative Officer
Subharti University
Subharti Puram By Pass Road
Meerut-UP

Sub: - Services and Charges for Collection, Transportation of Municipal Solid Waste.

Dear Sir,

In reference to our engagement in collection, transportation & Disposal of Municipal Solid Waste under PPP module with Municipal Corporation Meerut. We are providing door to door lifting of municipal solid waste and it`s transportation in the Meerut city. As per as MSW RULE 2000 throwing the garbage on open place is not permitted. BVG company is the authorize agency to collect the Door-to-door Garbage collection of Meerut city.

As per our meeting and discussion held on dated 04.08.2024 at your good office, we are ready to provide our waste collection services at your campus.

As we have mutually agreed that BVG India Ltd. will provide the waste carrying vehicle (Trolly/Hyva) and to load the vehicle loader will be provided by Subharti University as per the requirement.

For the waste collection and transportation services, the applicable charges will be **Rs. 4500/-** per Hyva and The Subharti University have to make the payment on monthly basis on every 10th day of the next month for fresh waste. For old waste, The University have to make payment immediately after every 5th Hyva loaded and waste transported.

You may pay by cash or cheque in favour of 'Nagar Nigam Meerut'.
Bank Holder Name: Nagar Nigam Meerut
GST No : 09AACCB0943NIZI
Bank Name : IDBI Bank
Account No : 0278104000223461
IFSC Code : IBKL0000278
Assuring you the best services always

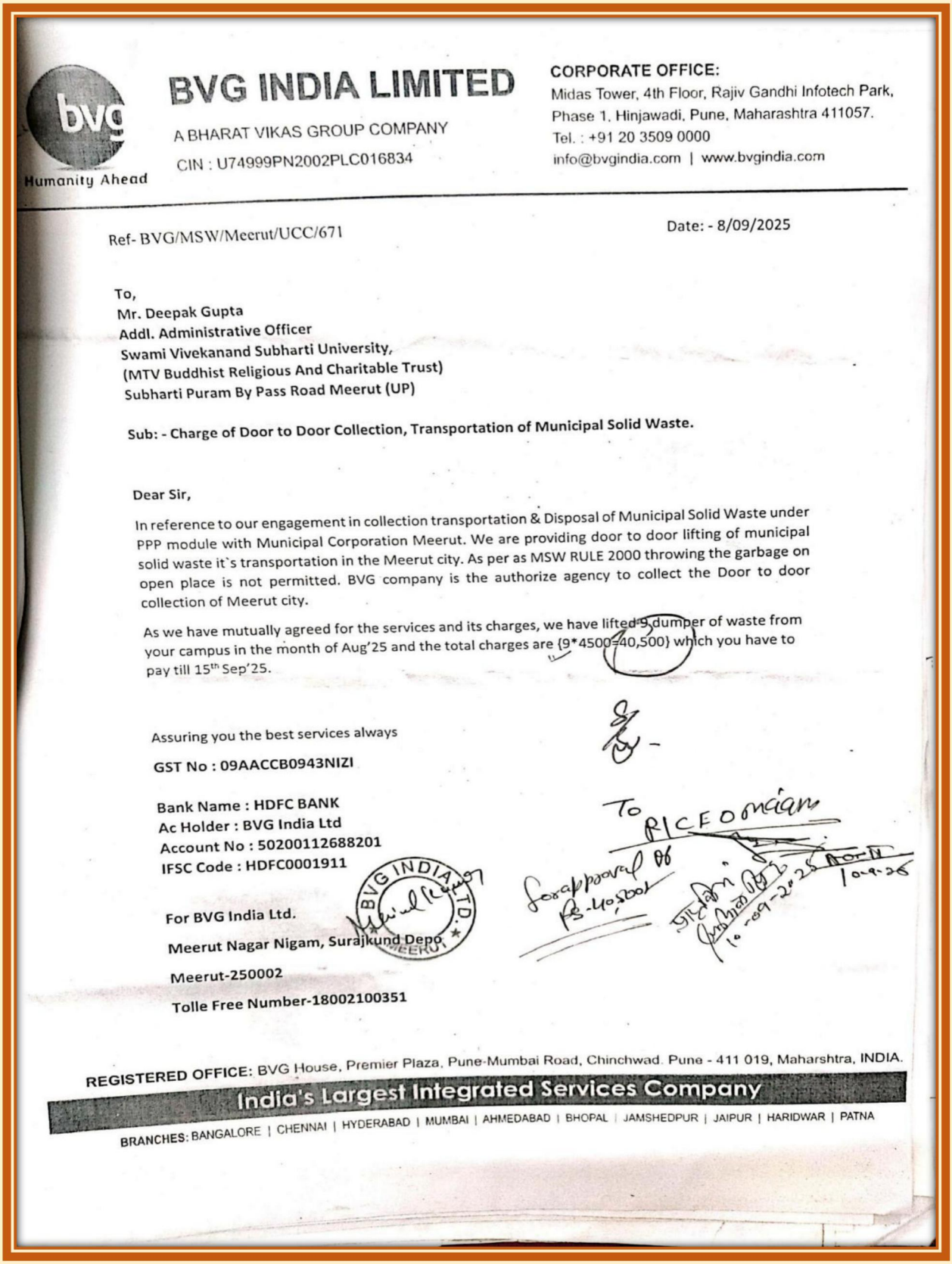
For BVG India Ltd.
Meerut Nagar Nigam, Surajkund Depo
Meerut-250002
Toll Free Number-18002100351

REGISTERED OFFICE: BVG House, Premier Plaza, Pune-Mumbai Road, Chinchwad, Pune - 411 019, Maharshtra, INDIA.

India's Largest Integrated Services Company

BRANCHES: BANGALORE | CHENNAI | HYDERABAD | MUMBAI | AHMEDABAD | BHOPAL | JAMSHEDPUR | JAIPUR | HARIDWAR | PATNA

Transportation of Municipal (Sample 02) **Date: 08/09/2025**



BVG INDIA LIMITED

A BHARAT VIKAS GROUP COMPANY

CIN : U74999PN2002PLC016834

Humanity Ahead

CORPORATE OFFICE:
Midas Tower, 4th Floor, Rajiv Gandhi Infotech Park,
Phase 1, Hinjawadi, Pune, Maharashtra 411057.
Tel. : +91 20 3509 0000
info@bvgindia.com | www.bvgindia.com

Ref- BVG/MSW/Meerut/UCC/671

Date: - 8/09/2025

To,
Mr. Deepak Gupta
Addl. Administrative Officer
Swami Vivekanand Subharti University,
(MTV Buddhist Religious And Charitable Trust)
Subharti Puram By Pass Road Meerut (UP)

Sub: - Charge of Door to Door Collection, Transportation of Municipal Solid Waste.

Dear Sir,

In reference to our engagement in collection transportation & Disposal of Municipal Solid Waste under PPP module with Municipal Corporation Meerut. We are providing door to door lifting of municipal solid waste it`s transportation in the Meerut city. As per as MSW RULE 2000 throwing the garbage on open place is not permitted. BVG company is the authorize agency to collect the Door to door collection of Meerut city.

As we have mutually agreed for the services and its charges, we have lifted 9 dumper of waste from your campus in the month of Aug'25 and the total charges are {9*4500=40,500} which you have to pay till 15th Sep'25.

Assuring you the best services always

GST No : 09AACCB0943NIZI

Bank Name : HDFC BANK
Ac Holder : BVG India Ltd
Account No : 50200112688201
IFSC Code : HDFC0001911

For BVG India Ltd.
Meerut Nagar Nigam, Surajkund Depo
Meerut-250002
Tolle Free Number-18002100351

BVG INDIA LTD. MEERUT

To RICE Omcian

for approval Rs-40,500/-

10-09-25

REGISTERED OFFICE: BVG House, Premier Plaza, Pune-Mumbai Road, Chinchwad, Pune - 411 019, Maharshtra, INDIA.

India's Largest Integrated Services Company

BRANCHES: BANGALORE | CHENNAI | HYDERABAD | MUMBAI | AHMEDABAD | BHOPAL | JAMSHEDPUR | JAIPUR | HARIDWAR | PATNA

Monthly Record

जुलाई 2025

सेवा में,

श्रीमान मुख्य प्रशासनिक अधिकारी
सुआरती विश्वविद्यालय गेरु।

विषय :- अपशिष्ट / कचरा निस्तारण के सम्बन्ध में

महोदय,

आपको अवगत कराना है कि जुलाई 2025 में सत्या से निर्गत अपशिष्ट / कचरा B.V.G. नगर निगम प्रबन्धन द्वारा निम्नलिखित दिनाँक में निस्तारण हेतु गया। श्रीमानजी सूचना सेवार्थ प्रेषित है।

क्रमांक	दिनांक	ट्रक गाड़ी संख्या
1.	4.7.25	= 01
2.	6-7-25	= 01
3.	9-7-25	= 01
4.	12-7-25	= 01
5.	13-7-25	= 01
6.	15-7-25	= 01
7.	24-7-25	= 01
8.	25-7-25	= 01
9.	28-7-25	= 01
10.	30-7-25	= 01

कुल गाड़ी संख्या 10 गाड़ी

दिनांक 2.8.25

04/08/25

प्रेषक 2/8/25
(S.P. Singh)
सुपरवाईजर
गेट नं. 3
सुआरती विश्वविद्यालय गेरु.

Monthly Record

सितम्बर 2025

सेवा में,

श्रीमान् मुख्य प्रशासनिक अधिकारी
सुभारती विश्वविद्यालय मेरठ।

विषय: अपशिष्ट / कचरा निस्तारण के सम्बन्ध में

महोदय,

आपको अवगत कराना है कि सितम्बर 2025 में सस्था से निर्गत अपशिष्ट/ कचरा B.V.G. नगरनिगम द्वारा निम्नलिखित दिनांक में निस्तारण हेतु गया। श्रीमान् जी सूचना सेवार्थ प्रेषित है।

क्रमांक	दिनांक	न० कि० गाड़ी संख्या
1 -	14-9-25	= 02 गाड़ी
2 -	16-9-25	= 01 "
3 -	17-9-25	= 01 "
4 -	18-9-25	= 01 "
5 -	19-9-25	= 01 "
6 -	21-9-25	= 01 "
7 -	24-9-25	= 01 "
8 -	25-9-25	= 01 "

कुल गाड़ी संख्या-09 गाड़ी

दिनांक
1.10.25

07/10/25

प्रेषक 1.9.25
सुपरवाईजर (S.P. Singh)
गेट नं० 3
सुभारती विश्वविद्यालय मेरठ

Transportation and Collection of Municipal Waste through Designated Waste Collection Vehicle

	POINT LOCATION	DATE	TIME	PHOTO
	SUBHARTI UNIVERSITY	4.7.25	9:33 AM	
2	SUBHARTI UNIVERSITY	6.7.25	8:51 AM	
3	SUBHARTI UNIVERSITY	9.7.25	3:27 PM	
4	SUBHARTI UNIVERSITY	12.7.25	11:28 AM	
5	SUBHARTI UNIVERSITY	13.7.25	10:04 AM	
6	SUBHARTI UNIVERSITY	14.7.25	4:12 PM	
7	SUBHARTI UNIVERSITY	24.7.25	7:41 AM	
8	SUBHARTI UNIVERSITY	25.7.25	9:55 AM	
9	SUBHARTI UNIVERSITY	28.7.25	8:03 AM	
10	SUBHARTI UNIVERSITY	30.7.25	8:51 AM	

BVG INDIA LTD. MEERUT

Biohazardous Waste Transportation and Handling





Evidence of Liquid Waste Management





Evidence of Liquid Waste Management





E-Waste Management





Educational Visits to Sewage Treatment Plant (STP) and Waste Management Site

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SWAMI VIVEKANAND SUBHARTI UNIVERSITY
(Established under U.P. Govt. Act no. 29 of 2008 and approved under section 2(f) of UGC Act 1956)

Date: 20/07/2024

To,

Dr. Mukesh Ruhela
Environment Committee
Swami Vivekanand Subharti University

Subject: Schedule for Visit to University Management Facility

In reference to your email dated 6th July 2024, the proposed visit to the university management facility by the law students is as follows -

Proposed Schedule for the Visit:

S.No	Course/ Batch Year	STP Sewage Treatment Plant Visit	Solid and Biomedical Waste Management Visit	Time
1.	BALLB BATCH - 2023	8TH AUG 2024	8th AUG, 2024	9:00 am
2.	BALLB BATCH - 2024	16th AUG 2024 *	16th AUG, 2024 *	11:30 am
3.	BALLB BATCH - 2022	22nd AUG 2024	22nd AUG, 2024	9:00 am
4.	BALLB BATCH - 2021	29th AUG 2024	29th AUG, 2024	9:00 am
5.	BALLB BATCH – 2020 / LLM BATCH 2024/ LLM BATCH 2023	6th SEP 2024	6th SEP, 2024	9:00 am

* Note : This is scheduled in alignment with Orientation Program for the BALLB BATCH 2024

We believe that this visit will be mutually beneficial and will significantly contribute to our shared goal of promoting sustainability within our university. Kindly confirm your availability for the proposed date and time.

I look forward to your positive response and to working together towards a greener campus.

Dr. Vaibhav Goel Bhartiya
Dean-Faculty of Law

DEAN OF LAW

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Date:-01.10.2024

Report on Student's Visit to Sewage Treatment Plant and Waste Management Site

Title of the Activity	**Educational Visits to Sewage Treatment Plant (STP) and Waste Management Site**
Focused Area	**Environmental Conservation and Waste Management**
Activity Organized By	Faculty of Law, S.V.S. University, Meerut
Name of the Associated Faculty/ Department	Faculty of Law
Name and Address of Speaker	Nil
Total Participants	186
Students	183
Teacher	2
Non-Teaching Staff	1
Other	Nil
Level of Program	Intra-University
Date of Activity	08.08.2024 to 27.09.2024
Day	Scheduled Days (August to September)
Time	In Between 08:00 A.M. to 04:00 P.M.
Venue	University Environment Facilities
Organizing Coordinators	Ms. Afreen Almas (Department Environment Committee)
Report Prepared by	Ms. Afreen Almas (Department Environment Committee)

Objective of the Activity:-

The objective of this initiative was to familiarize students with the university's sustainability and environmental conservation measures. The visits were designed to educate students on how the Sewage Treatment Plant (STP) and Biomedical Waste Treatment Facility function, highlighting their role in water conservation and effective waste management. These visits aimed to enhance awareness of environmental protection efforts and promote sustainable practices among students.

Focused Area:-

The visits focused on educating students about **environmental management systems** at the university, particularly the **Sewage Treatment Plant (STP)** and **Waste Management Facilities**. Students were shown how these systems work to process and recycle wastewater and manage solid and biomedical waste in compliance

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with environmental safety standards. By observing these operations firsthand, students gained insights into the importance of **sustainable practices** and the role they play in **environmental conservation**, aligning with the university's efforts to promote eco-friendly solutions.

Description:-

As part of the university's commitment to sustainability and resource management, the students of the Faculty of Law, Sardar Patel Subharti Institute of Law, participated in environmental visits within the campus. The visit was scheduled to the **Sewage Treatment Plant (STP)**, followed by a visit to the **Solid and Biomedical Waste Management Plant** by the all batches of BALLB and LL.M. These visits were planned to comply with the directive from the Hon'ble CEO Madam, encouraging participation across departments.

The visit to the **Sewage Treatment Plant** provided students with an in-depth understanding of how wastewater generated by the university is treated and processed. Students were told by concerned faculty who explained the various stages of sewage treatment, including screening, sedimentation, and biological treatment processes. Emphasis was placed on the plant's role in maintaining water quality, reducing environmental pollution, and promoting sustainable water usage within the campus.

During the visit to the **Solid and Biomedical Waste Management Plant**, students observed how the university manages solid and biomedical waste in compliance with environmental regulations. Students demonstrated the proper segregation, collection, treatment, and disposal of waste, highlighting the importance of responsible waste management practices. Students noticed the university's **biomedical waste treatment plant**, which operates with stringent protocols to ensure the safe disposal of medical waste, safeguarding both the environment and public health.

Students visited several other sustainability initiatives on campus, including a Biogas Plant that converts organic waste into renewable energy for cooking. They explored a Parking Facility with solar panels, showcasing the university's commitment to solar energy. At the Garbage Segregation House, they learned about efficient waste management through proper segregation of recyclables and non-recyclables. They also observed an e-waste bin, emphasizing the importance of responsibly disposing of electronic waste. Finally, they looked at Rainwater Harvesting Systems designed to collect and reuse rainwater for landscaping, highlighting the university's efforts in water conservation.

Visits were well-organized, and students actively participated in it. The visits not only deepened the students' appreciation for the university's green initiatives but also encouraged them to adopt environmentally friendly practices in their own lives.

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(B.A.LL.B-2022 Batch)









(LL.M)





Ms. Afreen Almas
Assistant Professor, Faculty of Law
S.V.S. University, Meerut

Prof.(Dr.) Vaibhav Goel Bhartiya
Dean-Faculty of Law
S.V.S. University, Meerut

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(B.A.LL.B-2021 Batch)



(B.A.LL.B-2020 Batch)



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Outcome of the Activity:-

Through these visits, students gained practical knowledge about sewage treatment and waste management. They learned how these processes contribute to environmental conservation and ensure sustainable resource use within the university. The initiative fostered a deeper understanding of the role that institutions play in environmental protection and motivated students to be more conscious of their impact on the environment.

Glimpses of the Activity
(B.A.LL.B-2023 Batch)





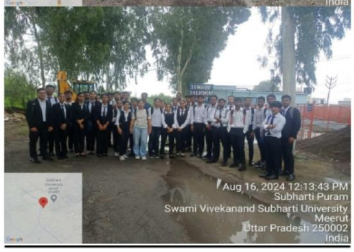




(B.A.LL.B-2024 Batch)









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Date: 08-08-2024

Attendance Sheet
University Environment Facility Round

Sr. No.	Name of the Student	Semester /Year	Signature/Date
1.	Muskan Kumari	B.A.LL.B 2nd year	Muskan 08/08/24
2.	Khushi Tyagi	"	Khushi Tyagi
3.	Anu	"	Anu 8/08/24
4.	Madhu Kumari	"	Madhu 8/8/24
5.	Akshdeep Kaur	"	Akshdeep 8/8/24
6.	Sonam	"	Sonam 8/08/24
7.	Jiya Kumari	"	Jiya 8/08/24
8.	Srishti Verma	"	Srishti 08/08/24
9.	Kesar Dhanwat	"	08/08/24
10.	Pavni Arora	"	08/08/24
11.	Ankita	BA LLB 2nd Year	08/08/24
12.	Kasak	"	8/08/24
13.	Sakshi Singh	BA LLB 2nd years	Sakshi 8/08/24
14.	Richa Kumari	BA LLB 2nd Year	Richa 8/08/24
15.	Kasturi Arya	BALLB 2nd year	Kasturi 8/08/24
16.	Bhumika Yadav	"	Bhumika 8/08/24
17.	Karishma	"	Karishma 8/08/24
18.	Soniya	"	Soniya 08/08/24
19.	KARAN Karan	"	Karan 08/8/24
20.	Ritika Agarwal	BA LLB 2nd year	Ritika 08/8/24
21.	Tanu Suri	BA LLB 2nd Year	Tanu 8/8/24
22.	Jiya Sharma	BA LLB 2nd Year	8/8/24
23.	Megha Sharma	BA LLB 2nd Year	8/8/24
24.	Ekika Sahai	BA LLB 2nd Year	8/08/2024

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Sr. No.	Name of the Student	Semester / Year	Signature/Date
25.	Tuba Tasleem	BA.LLB IInd Year	Tuba 8/8/24
26.	Ritu Sahota	" "	Ritu 8/8/24
27.	Asad Khan	" "	Asad Khan 8/8/24
28.	Wali Shah	" "	Wali Shah 8/8/24
29.	ANAS Ansari	" "	Anas 8/8/24
30.	Sheezan Ahmad	" "	Ahmad 8/8/24
31.	Mohd Kaif Majid	" "	Kaif 8/8/24
32.	SHUBHAM SINGH	" "	Shubham 8/8/24
33.	SOURABH AHLAWAT	" "	8/8/24
34.	Vansh Singh	" "	Vansh 8/8/24
35.	Dev Vashishtha	" "	Dev 8/8/24
36.	Satyam Kumar	" "	Satyam 8/8/24
37.	Ashish	" "	Kumar 8/8/24
38.	Nidhi Gaur	BA.LL.B IInd Year	Nidhi 8/8/24
39.	Aakash	" "	Aakash 8/8/24
40	Abhishek II	BALLB IInd year	Abhishek 8/8/24
41.	Chetan Anand	BALLB IInd year	Chetan Anand 8/8/24
42.	Navtej Dayal	"	Navtej 8/8/24
43.	Siddhant Singh Patil	BALLB IInd year	Siddhant 8/8/24
44.	Mashum Rasik	BALLB IInd year	Mashum 8/8/24
45.	Vineet Malik	BALLB IInd year	Vineet 8/8/24
46.	Mohd Shah Alam	BALLB IInd year	Shah Alam
47.	Samyam Goel	BALLB IInd year	Samyam 8/8/24
48.	MOHD. HARIS	LLM 1st year	Haris 16/8/24
49.	Hoythilc sharma	LLM 1st year	16/8/24
50.	Depashna Pradhan	BALLB 2st year	Depashna 16.8.24
51.	Srishti Mani	"	Srishti 16/8/24
52.	Farzoo Perween	" "	Farzoo 16/8/24

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Sr. No.	Name of the Student	Semester /Year	Signature/Date
81.	Shreya Rathour	BALLB	shreya
82.	Kumari Priyanshi	BALLB	
83.	Rahul kumar	"	Rahul
84.	Mohd Ikhlaq	"	
85.	Tisha	"	Tisha
86.	Kajal	"	Kajal
87.	Arni	"	
88.	Zoya Rao	"	ZoyaRao
89.	Tushar	"	Tushar
90.	Suman	"	Suman
91.	drishti	"	drishti
92.	Sonia	"	Sonia
93.	Vyoam Kumar	"	Vyoam
94.	Aashish	"	
95.	Kshitiz Rana	"	Kshitiz
96.	Prakarti	BALLB, 4th yr.	Prakarti
97.	Aauti Goyal	"	Aauti
98.	Bhauti	"	Bharti
99.	Ananika	"	Ananika
100.	Ritika Rani	BA LLB, 4th yr.	Ritika
101.	Anupam Krishna Murti	B.A-LLB 4th Year	
102.	Shweta Kumari	"	Shweta
103.	Shubhangi Singh	"	Shubhangi
104.	Muskan Sharma	"	Muskan
105.	Diya	"	Diya
106.	Surabhi Kumari Singh	"	
107.	Aditi Kumari	"	Aditi Kumari
110.	Tanvi Tomer	"	

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Sr. No.	Name of the Student	Semester /Year	Signature/Date
53.	Diya singh	BALLB I st year	Diya 16/08/24
54.	Emiredi Anand	"	16/08/24
55.	Yashika Taliyan	BALLB I st year	yashika 16/08/24
56.	Yuvraj Singh	B "	Yuvraj
57.	Harsh verma	BALLB I st year	
58.	Abhimanyu	BALLB I st year	Abhimanyu
59.	Nilesh Mishra	BALLB I st year	15/08/24
60.	Gato Eru	BA-LLB 1st year	16/08/24.
61.	Vivek Kumar	B.A.LLB I year	Vivek 16/08/24
62.	Nishant Rana	BA LLB I year	Nishant Rana 16/08/
63.	NAZIM	B.A.LL.B. I Year	
64.	Rihan	BA.LLB I Year	Rihan
65.	Mayank Rathi	BA.LLB I st yes	
66.	Govinda kumar	BA.LLB I st Year	
67.	Aashish Kamar	BA LLB I year	Aashish
68.	Rahul Kumar	BA/LB 1 Year	
69.	Harsh	BA.LL.B	
70.	Krish Saini	BA.LLB	Krish
71.	Shahab	BA.LL.B	
72.	Vaibhav chaudhary	B.A LLB	Vaibhav
73.	Arjesh Kumar Saini	BALLB	Arjesh
74.	Shivam kumar	B.A LL.B	Shivam
75.	Tushar Choudhary	BA LLB	
76.	Komal kumari	BALLB	Komal
77.	Khushi Sharma	BALLB	Khushi
78.	Bhawna	BALLB	
79.	Rishishi chhipraha	BA LLB	Chhipraha
80.	Vaidehi Paliwal	BA LLB	Vaidehi

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Sr. No.	Name of the Student	Department	Signature
111.	Rachika Kumari	BA·LL·B 4th year	Rachika
112.	Prerna Mishra	BA.LL.B 4th year	
113.	Gaurav Paliwal	BA.LLB 4th year	
114.	Ayush Anand	B.A.LL.B. 4th Year	Ayush Anand
115.	Rahul Kumar II	B.A.LL.B 4th year	Rahul Kumar
116.	Rambabu parashar	BA·LLB 4th year	
117.	Syed Mehdi Hyder	BA·LL·B 5th year	6/09/24
118.	Priyanka Rani	BA·LL·B 5th year	6/09/24
119.	Nasra	BA·LL·B 5th year	Nasra 6/9/24
120.	Nadeem Siddiq Ranie	B.A-LL.B. 5th Year	6/9/24
121.	Sameer	"	6/9/24
122.	Kunwar Aalam Khan	"	6-9-24.
123.	Akshit Singh	"	
124.	Mukul Kumar	"	Mukul 06/09/24
125.	Shree Rawal	BALLB 9th Sem	06/9/24
126.	Priya choudhary	"	PRIYA "
127.	Seepwong Rai	BA·LLB 9th Sem	
128.	Abhijit	BALLB 9th sem	
129.	Abhilesh Chauhan	"	
130.	Vishal Tomar	"	Vishal
131.	Dhairya	"	Dhairya Vats
132.	Kajal	"	Kajal
133.	Ankita Singh	"	Ankita
134.	Samrat Shekhar	"	
135.	Supriya	"	
136.	Meetal Bhati	B.A.LLB 9th Sem	Meetal
137.	Gracy Chaudhary	"	Gracy
	Manglam Gupta	"	Manglam

Sardar Patel Subharti Institute of Law

Recognized by Bar Council of India, New Delhi. Letter No. BCI: D: 1116:2002 (LE. Mtg.) & 2429/2015 (LE)
Website: law.subharti.org, e-mail: law@subharti.org, Ph.: 0121-2439043, 3055000 (Extn: 2851, 2855), Telefax: 0121-2439067
A constituent college of
SWAMI VIVEKANAND SUBHARTI UNIVERSITY
(Established under U.P. Govt. Act no. 29 of 2008 and approved under section 2(f) of UGC Act 1956)

138.	Suchita Tripathi	B.A.LL.B. - 5th Year	Suchita 06/09/24
139.	Dhaarya Vats	B.A LLB - 5th year	Dhaarya 6/9/24
140	Aastha Singh	BALLB - 5 Year	18/9/24
141	Aiay Sangwan	BALLB - 5th Year	Aiay 6/9/24
142	Manik Pahuja	"	06/9/24
143	Aditya Kumar	"	Aditya 6/9/24
144	Anshu Raj	BALLB - 3rd Year	Anshu 25/09'24
145	Palak Tyagi	" "	Palak "
146	Md Osama	" "	Osama "
147	Jane Alam	BALLB - 3rd Year	Jane Alam 25-09-24
148	Saarif	" "	Saarif "
149	Tabrej	" "	Tabrej "
150	ASIF	" "	ASIF "
151	Aashay	BALLB 3rd year	Aashay "
152	Aditya Pundir	BALLB 3rd year	Aditya Pundir "
153	Aditya Banerjee	BA·LLB 3rd year	Aditya
154	Ambika Teotia	BA·LLB 3rd year	Ambika
155	Anshika Singh	BALLB 3rd Year	A Singh
156	Kaartik Sharma	BA LLB 3rd Year	Kaartik
157	Apsara	BALLB 3rd year	Apsara
158	Nidhi Chopra	" "	Nidhi Chopra
159	Navya Tyagi	" "	Navya
160	Gulshan Bhadana	"	Gulshan
161	Prithvi	"	Prithvi
162	Jakir Hussain	"	Hussain
163	Ankit Kumar	"	Ankit
164	MALSAWMTLUANGI	"	
165	MALSAWMKIMA	"	
166	AMINA	"	Amina

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Sr. No.	Name of the Student	Department	Signature
167.	Tabrej Alam	BALLB 3rd year	Tabrej
168.	Anjali Sharma	LLM 3rd Sem	Sharma 27/09/2024
169.	Arshiya Jain	LLM 3rd Sem	Arshiya 27/9/24
170.	Mona	LLM IIIrd Sem	Mona 27/9/24
171.	Twinkle Bhadana	LLM IIIrd Sem.	Twinkle 27/9/24
172.	Yogesh Kumar	LLM IIIrd Sem	Kumar 27/9/24
173.	Anurag Chaudhary	LLM IIIrd Sem	Anurag 27/9/24
174.	AKASH KUMAR	LLM IIIrd Sem	27/9/24
175.	MANOJ KUMAR	LL.M. IIIrd Sem	Manoj Kumar
176.	Akanksha Srivastava	LLM III Sem	
177.	Sonam Nabam	LLM III Sem	Sonam
178.	SHUBHANSHU MISHRA	"	27/9/24
179.	Himanshu Panwar	LLM - Ist Sem	Panwar 27/09/24
180.	Vaibhav Kumar	LLM - Ist Sem	Vaibhav 27/09/24
181.	Aisha Choudhary	LLM - Ist Sem	Aisha
182.	Vaibhav Kothari	LLM - Ist Sem	Vaibhav
183.			
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192.			
193.			

Sardar Patel Subharti Institute of Law
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Website: law.subharti.org, e-mail: law@subharti.org, Ph.: 0121-2439043, 3055000 (Extn: 2851, 2855), Telefax: 0121-2439067
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(Established under U.P. Govt. Act no. 29 of 2008 and approved under section 2(f) of UGC Act 1956)

Date-08.08.2024

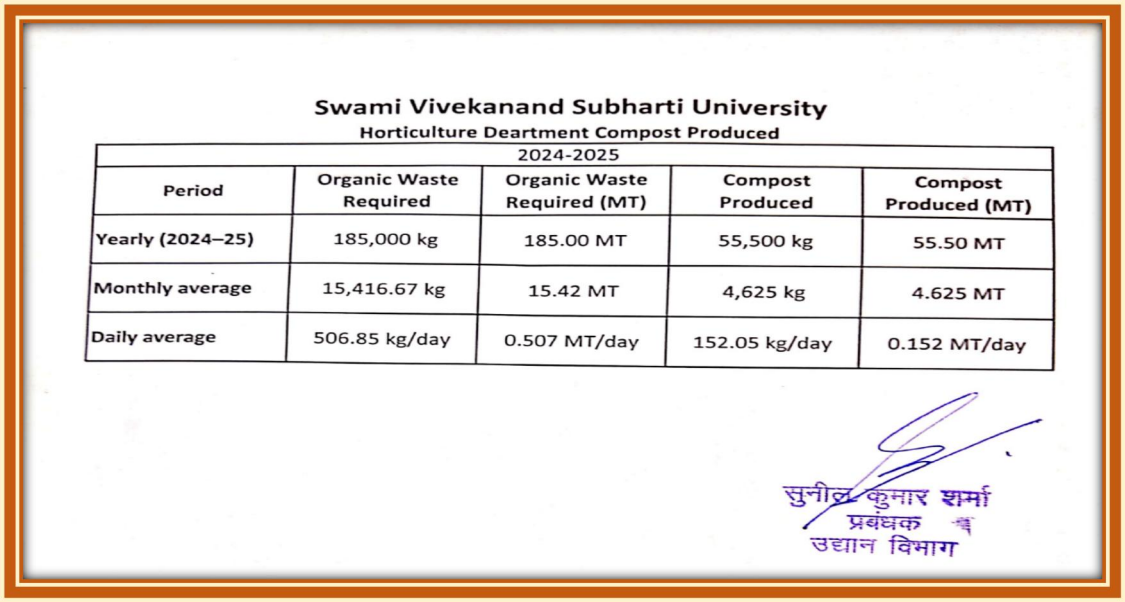
University Environment Facility Round
(Attendance Sheet)

S.NO.	NAME	DESIGNATION	SIGNATURE
1.	AFREEN ALMAS	ASST. PROF.	Afreen
2.	Ashutosh Deshwal	Lecturer	
3.	Firoz Khan	Clerk	

12.2.4 Landfill and Recycling Measurement

Swami Vivekanand Subharti University has established an institutional framework for monitoring waste management, recycling, and resource recovery through its Integrated Sustainable Waste, Resource Minimisation, Reducing Marine Pollution and Responsible Supply Chain Policy. The policy provides a structured approach to waste minimisation, segregation, and recycling, composting, and environmentally responsible disposal. **Section 5.2 - Waste Disposal, Landfill Minimisation and Resource Recovery** specifically addresses the measurement of waste generated, recovered, recycled, composted, and finally disposed of, while promoting landfill diversion through source segregation and resource recovery. **Section 6 - Documentation and Record Keeping)** specifies the maintenance of waste registers, records of recycling and recovery, composting and final disposal, hazardous and biomedical waste manifests, transfer notes, disposal certificates, and authorised-agency records, wherever applicable. Furthermore, **Section 7 - Monitoring and Performance Review** provides for periodic monitoring of waste-management performance, including quantities of waste generated, recycled or recovered, composted, and disposed of. Implementation of this framework is supported by the University's E-Waste Policy and relevant waste-management Standard Operating Procedures (SOPs). Supporting institutional records include waste-generation and recycling statements, composting records, authorised waste collection and disposal records, transportation receipts, monthly collection details, and waste-transfer documentation, where maintained. Photographic evidence of waste segregation, solid and liquid waste management, food-waste recovery, and e-waste management further supports the documentation of waste-management practices. These measures extend, as applicable, across university hospitals, laboratories, academic departments, the IT Department, and other university facilities, contributing to systematic waste monitoring, responsible recycling, resource recovery, and environmentally sound waste disposal.

Waste Generation, Recycling and Final Disposal Statement



Swami Vivekanand Subharti University

Horticulture Deartment Compost Produced

2024-2025

Period	Organic Waste Required	Organic Waste Required (MT)	Compost Produced	Compost Produced (MT)
Yearly (2024–25)	185,000 kg	185.00 MT	55,500 kg	55.50 MT
Monthly average	15,416.67 kg	15.42 MT	4,625 kg	4.625 MT
Daily average	506.85 kg/day	0.507 MT/day	152.05 kg/day	0.152 MT/day

सुनील कुमार शर्मा
प्रबंधक
उद्यान विभाग

Table 9: Category wise Waste in 2024-25

Waste Category	Quantity
Solid Waste	60 MT
Liquid/Other Waste	72 MT
E-Waste	2 MT
Hazardous/Biomedical Waste	6 MT
Total Waste Generated	140 MT

Further, considering the 55.50 MT of compost produced, as reported by the Horticulture Department, the following values have been calculated:

Table 10 : Indicator Wise Type of Waste

Indicator	2024–25 Value
Total Amount of Waste Generated	140.00 MT
Total Amount of Waste Recycled	56.00 MT
Total Amount of Waste Sent to Landfill/Disposal	84.00 MT
Proportion of Waste Recycled	40.00%
Proportion of Waste Non-Recycled/Disposed	60.00%

Green Audit



EHS alliance

CERTIFICATE

PRESENTED TO

SWAMI VIVEKANAND SUBHARTI UNIVERSITY

Subhartipuram, NH-58, Delhi-Haridwar Bypass Road, Meerut-250005

Has been assessed by EHS Alliance for the comprehensive study of environmental impacts on institutional working framework to fulfill the requirement of

GREEN AUDIT

ACADEMIC YEAR 2024-25

The green initiatives carried out by the institution have been verified on the report submitted and was found to be satisfactory.

The efforts taken by the management and the faculty towards environment and sustainability are appreciated and noteworthy.

EHS ALLIANCE LLP GURUGRAM

SIGNATURE

03.11.2025
DATE OF AUDIT

EHS ALLIANCE SERVICES, PLOT A-72, SURYA VIHAR, GURUGRAM, 122001
WWW.EHSALL.IN | BUSINESS@EHSALL.IN | EHSALLIANCE@GMAIL.COM

Environment Audit certificate



EHS alliance

CERTIFICATE

PRESENTED TO

SWAMI VIVEKANAND SUBHARTI UNIVERSITY

Subhartipuram, NH-58, Delhi-Haridwar Bypass Road, Meerut-250005

Has been assessed by EHS Alliance for the comprehensive study of environmental impacts on institutional working framework to fulfill the requirement of

ENVIRONMENT AUDIT

ACADEMIC YEAR 2024-25

The environment legal compliances and initiatives carried out by the institution have been verified on the report submitted and were found to be satisfactory.

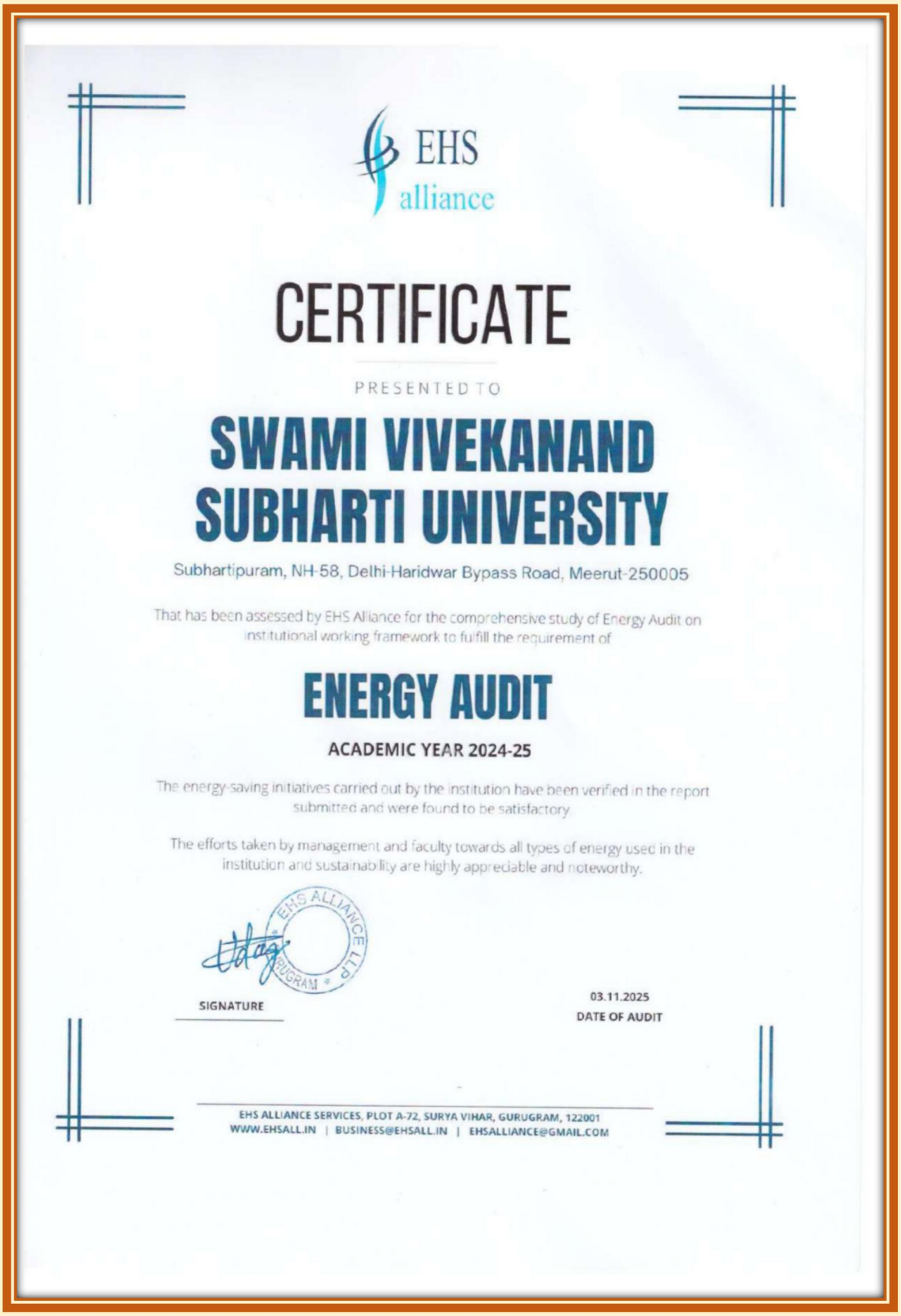
The efforts taken by management and faculty towards environment and sustainability are highly appreciated and noteworthy.

EHS ALLIANCE LLP GURUGRAM

03.11.2025
DATE OF AUDIT

EHS ALLIANCE SERVICES, PLOT A-72, SURYA VIHAR, GURUGRAM, 122001
WWW.EHSALL.IN | BUSINESS@EHSALL.IN | EHSALLIANCE@GMAIL.COM

Energy Audit certificate



EHS alliance

CERTIFICATE

PRESENTED TO

SWAMI VIVEKANAND SUBHARTI UNIVERSITY

Subhartipuram, NH-58, Delhi-Haridwar Bypass Road, Meerut-250005

That has been assessed by EHS Alliance for the comprehensive study of Energy Audit on institutional working framework to fulfill the requirement of

ENERGY AUDIT

ACADEMIC YEAR 2024-25

The energy-saving initiatives carried out by the institution have been verified in the report submitted and were found to be satisfactory.

The efforts taken by management and faculty towards all types of energy used in the institution and sustainability are highly appreciable and noteworthy.

EHS ALLIANCE LLP GURUGRAM

SIGNATURE

03.11.2025
DATE OF AUDIT

EHS ALLIANCE SERVICES, PLOT A-72, SURYA VIHAR, GURUGRAM, 122001
WWW.EHSALL.IN | BUSINESS@EHSALL.IN | EHSALLIANCE@GMAIL.COM

Environment Management Certificate

ISO 14001:2015

Certificate of Registration

This is to Certify that
Environmental Management System of

SWAMI VIVEKANAND SUBHARTI UNIVERSITY

SUBHARTIPURAM, NH - 58, DELHI - HARIDWAR BYPASS ROAD ,MEERUT - 250005,
UTTAR PRADESH, INDIA

has been assessed and found to conform to the requirements of

ISO 14001:2015

For the following scope :

PROVISION OF ENVIRONMENTAL MANAGEMENT SYSTEM IN ACADEMIC, ADMINISTRATIVE, RESEARCH, HEALTHCARE, RESIDENTIAL, AND SUPPORT SERVICES FOR DIPLOMA, UNDERGRADUATE, POSTGRADUATE, AND DOCTORAL PROGRAMMES ACROSS VARIOUS FACULTIES AND DEPARTMENTS OF SWAMI VIVEKANAND SUBHARTI UNIVERSITY, MEERUT.

Certificate No	: **26MEEWU24**		
Initial Registration Date	: 21/05/2026	Issuance Date	: 21/05/2026
Date of Expiry	: 20/05/2029		
1st Surve. Due	: 21/04/2027	2nd Surve. Due	: 21/04/2028

Director

EGAC Accredited
EMS Certification
CAB #011805

(Scan to Verify)

Magnitude Management Services Pvt. Ltd.

Third Floor, A-60, Sector-2, Noida, Gautam Budh Nagar, U.P.-201301, India. e-mail: info@mmscertification.com, website: www.mmscertification.com
**Subject to Successful Surveillance Audit, in case Surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn.*
Certificate Verification: Please Re-check the validity of certificate at http://www.mmscertification.com/activeclients.aspx or www.mmscertification.com at Active Clients.
Certificate is the property of Magnitude Management Services Pvt. Ltd. and shall be returned immediately when demanded.

Energy Management Certificate



QRO
QUALITY RESEARCH ORGANIZATION

Certificate of Registration

This is to certify that

SWAMI VIVEKANAND SUBHARTI UNIVERSITY

SUBHARTIPURAM, NH - 58, DELHI - HARIDWAR BYPASS ROAD, MEERUT - 250005, UTTAR PRADESH, INDIA

has been independently assessed by QRO
and is compliant with the requirement of:

ISO 50001:2018

Energy Management Systems

For the following scope of activities:

PROVISION OF ENERGY MANAGEMENT, MONITORING, CONSERVATION, AND PERFORMANCE IMPROVEMENT ACTIVITIES ACROSS ACADEMIC, ADMINISTRATIVE, HEALTHCARE, RESIDENTIAL, RESEARCH, AND SUPPORT SERVICE FACILITIES OF SWAMI VIVEKANAND SUBHARTI UNIVERSITY, MEERUT.

Date of Certification: 20th May 2026
1st Surveillance Audit Due: 19th May 2027
2nd Surveillance Audit Due: 19th May 2028
Certificate Expiry: 19th May 2029

Certificate Number: 305026052003EN

QRO QUALITY RESEARCH ORGANIZATION
EGAC CAB # 011905
MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF

Head of Certification

Validity of this certificate is subject to annual surveillance audits to be done successfully on or before 365 days from date of the audit.
(In case surveillance audit is not allowed to be conducted; this certificate shall be suspended / withdrawn).
The Validity of this certificate can be verified at www.qrocert.org
This certificate of registration remains the property of QRO Certification LLP, and shall be returned immediately upon request.

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142, IInd Floor, Avtar Enclave, Near Paschim Vihar West Metro Station, Delhi-110063, (INDIA)
Website : www.qrocert.org, E-mail : info@qrocert.org

Municipal / Authorised Waste Collection and Disposal Records for Waste Tracking

DEPARTMENT OF HORTICULTURE
SWAMI VIVEKANAND SUBHARTI UNIVERSITY
Subhartipuram, NH-58, Delhi Haridwar Meerut Bypass Road, Meerut-250005
E-mail: Horticulture@subharti.org, Website:www.subharti.org

Ref.:No.SVSU/HORT/2024 **Date:-28-08-2024**

सेवा में,

प्रशासनिक अधिकारी
सुभारती विश्वविद्यालय मेरठ

विषयः– पिट कम्पोसट पद्वति से जैविक खाद् तैयार करना।

महोदय,

दिनांक मई–2024 से अगस्त–2024 तक संस्था में कम्पोस्ट पद्वति से जैविक खाद् का उत्पादन किया जा रहा है। जिसका विवरण निम्न प्रकार है।

क. स्थान– निकट एस0टी0पी0 प्लांट

पिट कमांक	साईज	कुल घन फुट	तैयार जैविक खाद्(घन फुट) कुल खाद् का 25%	अनुमानित मात्रा (कुन्टल में)
1	20'x16'x4'	1280	320 घन फुट	31
2	20'x16'x4'	1280	320 घन फुट	30
3	20'x16'x4'	1280	320 घन फुट	33
4	20'x16'x4'	1280	320 घन फुट	32

ख. स्थान–सुभारती पौधशाला

पिट कमांक	साईज	कुल घन फुट	तैयार जैविक खाद्(घन फुट) कुल खाद् का 25%	अनुमानित मात्रा (कुन्टल में)
1	12'x12'x4'	576	144 घन फुट	15
2	12'x12'x4'	576	144 घन फुट	16

भवदीय,
(आनन्द पाल सिंह)
प्रबंधक उद्यान
सुभारती विश्वविद्यालय मेरठ

Solid Waste Management
Agreement with Municipal Corporation Meerut

कार्यालय नगर स्वास्थ्य अधिकारी
नगर निगम, मेरठ।
दिनांकः–31.05.2016

पत्रांक :–608/स्वा0वि0–न0नि0मे0/2016

कर्नल डॉ0 एन0के0 त्यागी
मुख्य प्रशासनिक अधिकारी
सुभारती के0के0बी0 चैरिटेबल ट्रस्ट
सुभारती पुरम, दिल्ली हरिद्वार बाईपास रोड
मेरठ।

विषयः– स्वामी विवेकानन्द सुभारती विश्वविधालय परिसर से कचरे को नगर निगम के निधार्रित स्थल पर अन्तिम निस्तारण की स्वीकृति के सम्बन्ध में।

उपरोक्त विषयक अधोस्ताक्षरी के कार्यालय के पत्र संख्याः–14/स्वा0वि0–न0नि0मे0/2016 दिनांक 11.01.2016 के कम में आपके पत्र संख्या–एस0वी0एस0यू0/2015/652(i) दिनांक 31.12.2015 के अन्तर्गत नगर निगम, मेरठ के वाहन द्वारा सुभारती परिसर से घरेलू कचरे को निधार्रित स्थल पर डलवाने तथा परिसर के अन्दर उचित स्थानों पर डस्टबीन रखवाने के सम्बन्ध में है।

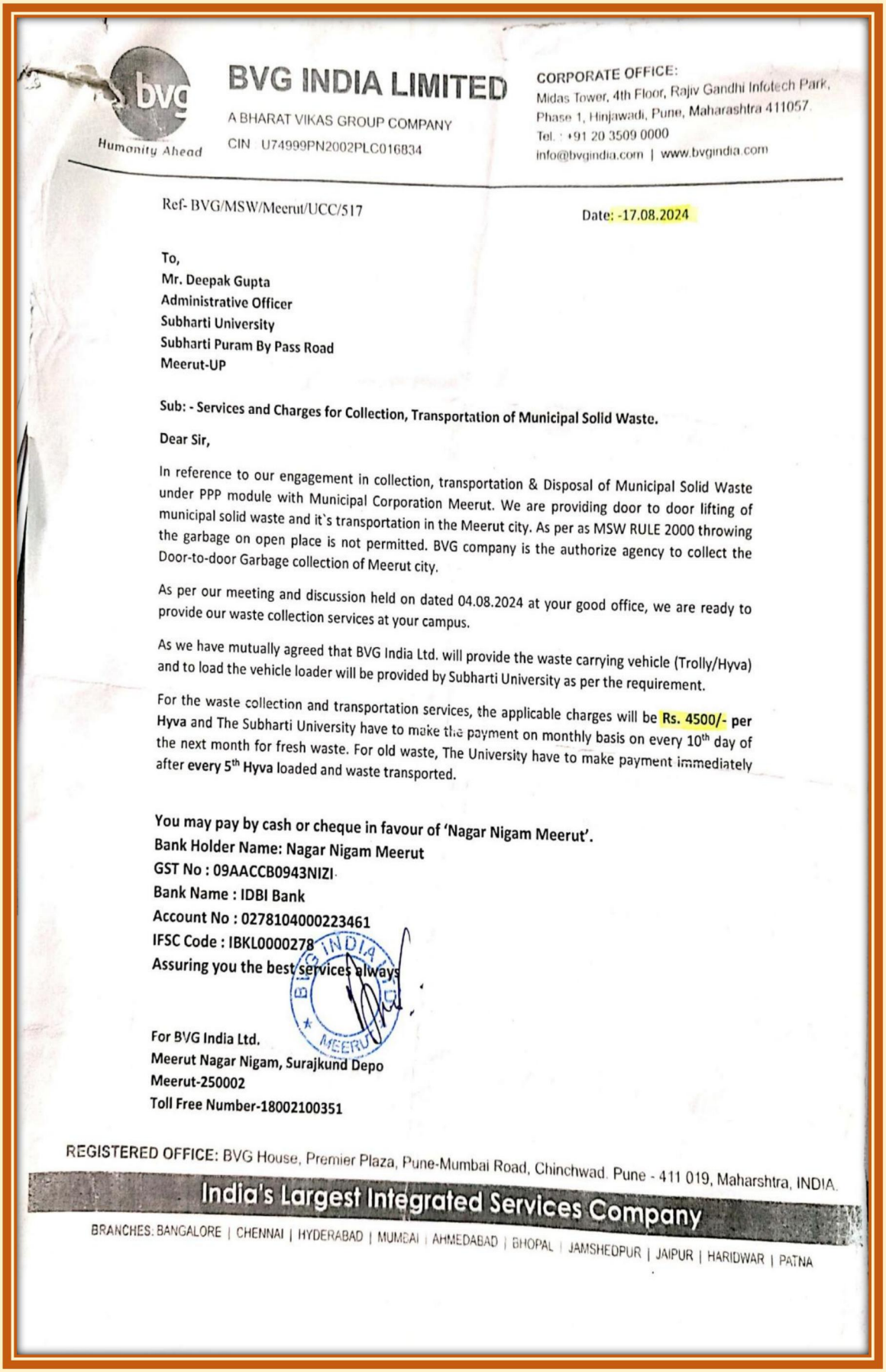
अतः उक्त के सम्बन्ध में आदेशित किया जाता है कि सुभारती संस्था स्वय अपने वाहनो द्वारा ग्राम गांवडी में स्थित डम्पिग ग्राउन्ड में कूडा निस्तारण कराना सुनिश्चित करें।

नगर स्वास्थ्य अधिकारी
नगर निगम, मेरठ।

प्रतिलिपि :–नगर आयुक्त महोदय को सूचनार्थ प्रेषित।

नगर स्वास्थ्य अधिकारी
नगर निगम, मेरठ।

Waste Transportation or Collection Receipts



BVG INDIA LIMITED
A BHARAT VIKAS GROUP COMPANY
CIN : U74999PN2002PLC016834

CORPORATE OFFICE:
Midas Tower, 4th Floor, Rajiv Gandhi Infotech Park,
Phase 1, Hinjawadi, Pune, Maharashtra 411057.
Tel. : +91 20 3509 0000
info@bvgindia.com | www.bvgindia.com

Ref- BVG/MSW/Meerut/UCC/517

Date: -17.08.2024

To,
Mr. Deepak Gupta
Administrative Officer
Subharti University
Subharti Puram By Pass Road
Meerut-UP

Sub: - Services and Charges for Collection, Transportation of Municipal Solid Waste.

Dear Sir,

In reference to our engagement in collection, transportation & Disposal of Municipal Solid Waste under PPP module with Municipal Corporation Meerut. We are providing door to door lifting of municipal solid waste and it`s transportation in the Meerut city. As per as MSW RULE 2000 throwing the garbage on open place is not permitted. BVG company is the authorize agency to collect the Door-to-door Garbage collection of Meerut city.

As per our meeting and discussion held on dated 04.08.2024 at your good office, we are ready to provide our waste collection services at your campus.

As we have mutually agreed that BVG India Ltd. will provide the waste carrying vehicle (Trolly/Hyva) and to load the vehicle loader will be provided by Subharti University as per the requirement.

For the waste collection and transportation services, the applicable charges will be **Rs. 4500/-** per Hyva and The Subharti University have to make the payment on monthly basis on every 10th day of the next month for fresh waste. For old waste, The University have to make payment immediately after every 5th Hyva loaded and waste transported.

You may pay by cash or cheque in favour of 'Nagar Nigam Meerut'.
Bank Holder Name: Nagar Nigam Meerut
GST No : 09AACCB0943NIZI
Bank Name : IDBI Bank
Account No : 0278104000223461
IFSC Code : IBKL0000278
Assuring you the best services always

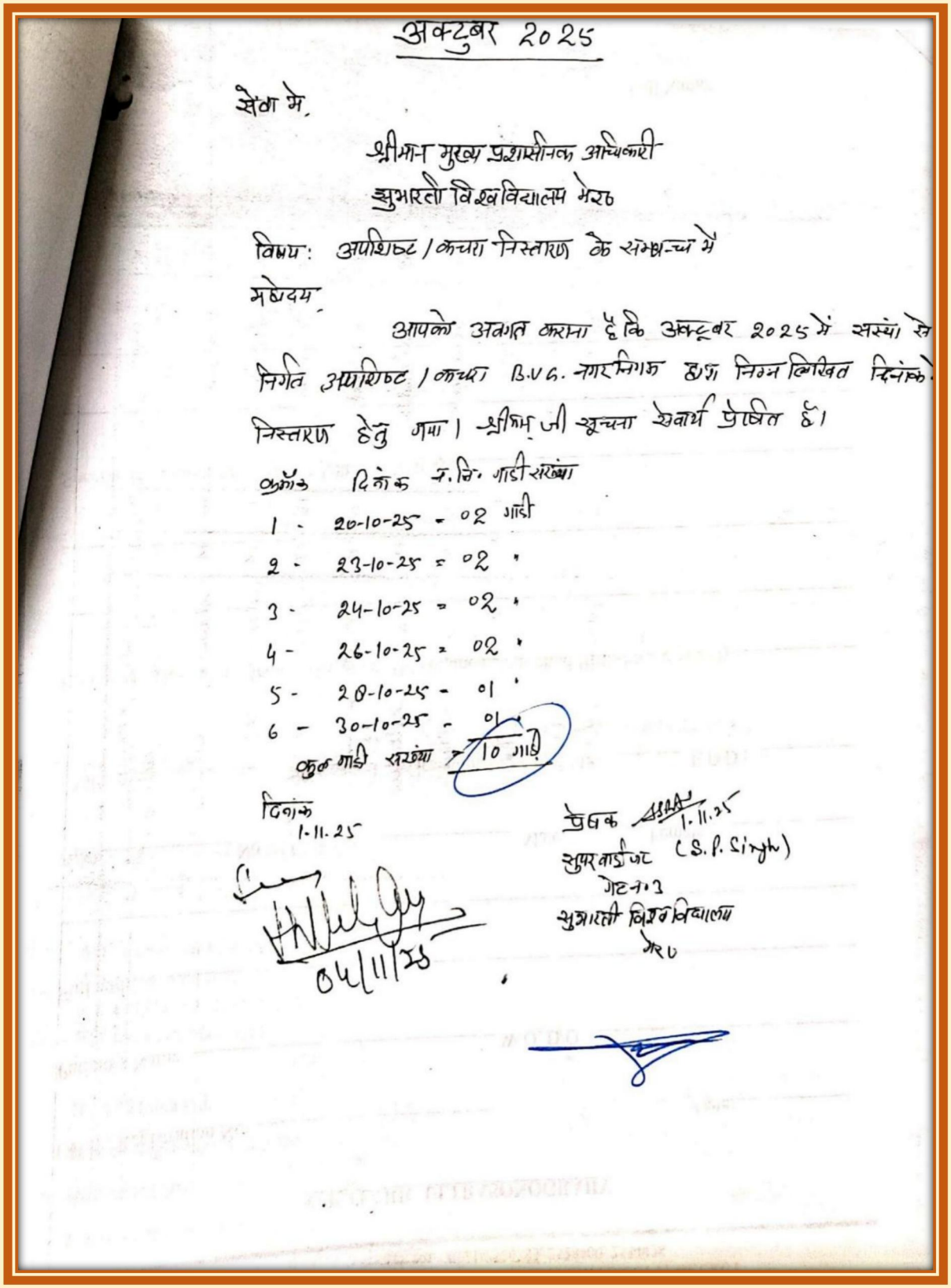
For BVG India Ltd.
Meerut Nagar Nigam, Surajkund Depo
Meerut-250002
Toll Free Number-18002100351

REGISTERED OFFICE: BVG House, Premier Plaza, Pune-Mumbai Road, Chinchwad, Pune - 411 019, Maharshtra, INDIA.

India's Largest Integrated Services Company

BRANCHES: BANGALORE | CHENNAI | HYDERABAD | MUMBAI | AHMEDABAD | BHOPAL | JAMSHEDPUR | JAIPUR | HARIDWAR | PATNA

Monthly Records of Municipal Solid Waste Collection and Disposal by BVG and Municipal Corporation



अक्टूबर 2025

सेवा में,

श्रीमान मुख्य प्रशासनिक अधिकारी
सुभारती विश्वविद्यालय मेरठ

विषय: अपशिष्ट / कचरा निस्तारण के सम्बन्ध में

महोदय,

आपको अवगत कराना है कि अक्टूबर 2025 में सस्था से निर्गत अपशिष्ट / कचरा B.V.G. नगरनिगम द्वारा निम्नलिखित दिनांको निस्तारण हेतु गया। श्रीमान् जी सूचना हेतार्थ प्रेषित है।

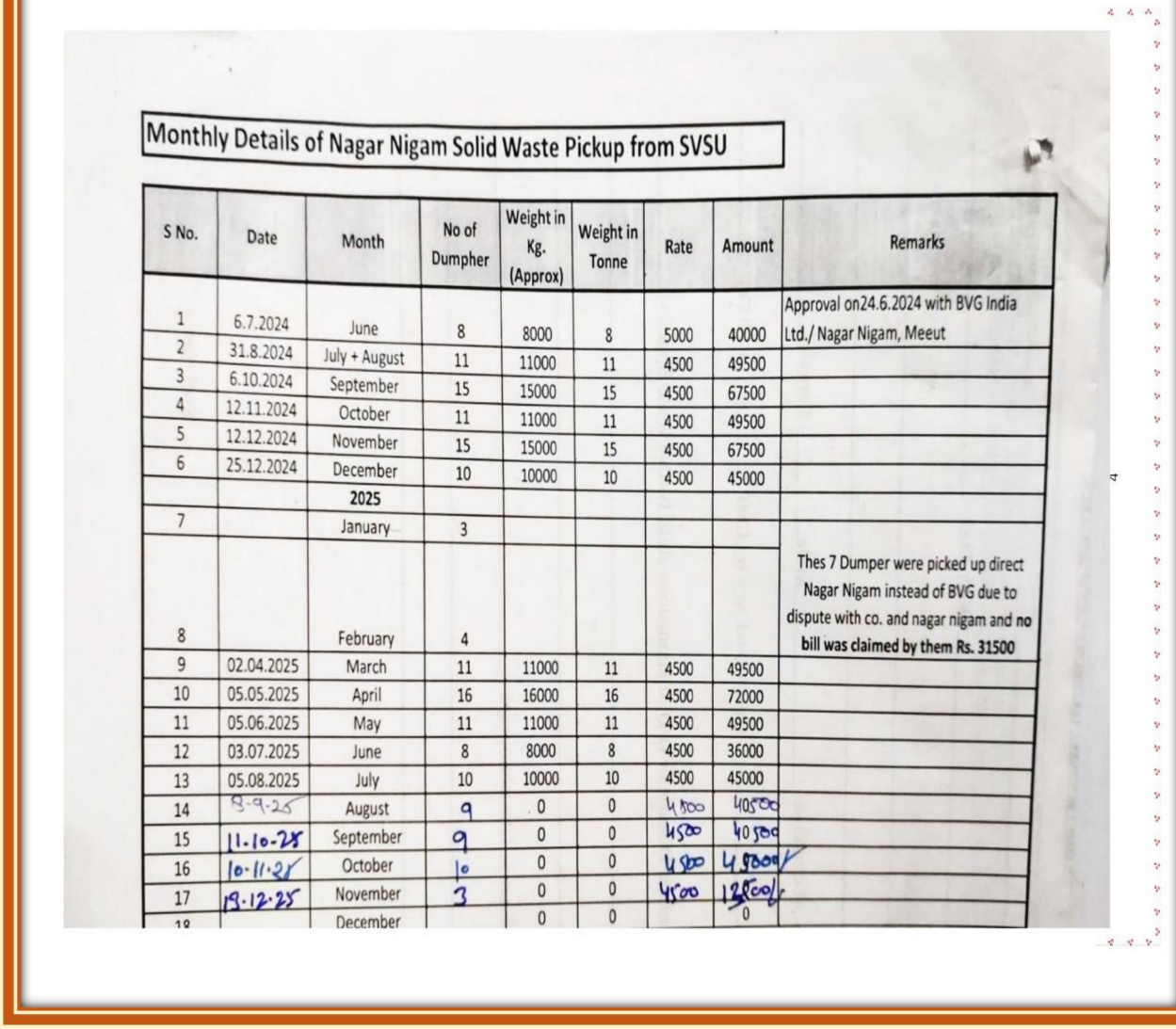
क्रमांक	दिनांक	न.नि. गाड़ी सख्या
1 -	20-10-25	- 02 गाड़ी
2 -	23-10-25	= 02 "
3 -	24-10-25	= 02 "
4 -	26-10-25	= 02 "
5 -	28-10-25	- 01 "
6 -	30-10-25	- 01 "
कुल गाड़ी सख्या		= 10 गाड़ी

दिनांक
1.11.25

प्रेषक
1.11.25
(S.P. Singh)
सुपरवाईजर
गेट नं. 3
सुभारती विश्वविद्यालय
मेरठ

04/11/25

Monthly Details of Municipal Solid Waste Pickup



Monthly Details of Nagar Nigam Solid Waste Pickup from SVSU

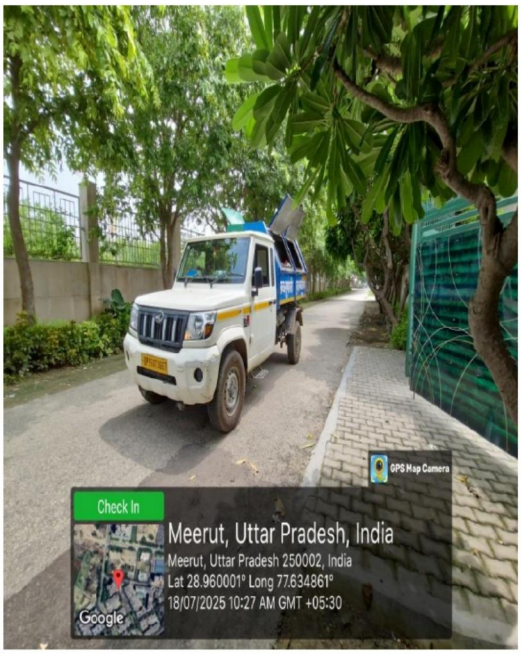
S No.	Date	Month	No of Dumpher	Weight in Kg. (Approx)	Weight in Tonne	Rate	Amount	Remarks
1	6.7.2024	June	8	8000	8	5000	40000	Approval on24.6.2024 with BVG India Ltd./ Nagar Nigam, Meeut
2	31.8.2024	July + August	11	11000	11	4500	49500	
3	6.10.2024	September	15	15000	15	4500	67500	
4	12.11.2024	October	11	11000	11	4500	49500	
5	12.12.2024	November	15	15000	15	4500	67500	
6	25.12.2024	December	10	10000	10	4500	45000	
		2025						
7		January	3					
8		February	4					Thes 7 Dumper were picked up direct Nagar Nigam instead of BVG due to dispute with co. and nagar nigam and no bill was claimed by them Rs. 31500
9	02.04.2025	March	11	11000	11	4500	49500	
10	05.05.2025	April	16	16000	16	4500	72000	
11	05.06.2025	May	11	11000	11	4500	49500	
12	03.07.2025	June	8	8000	8	4500	36000	
13	05.08.2025	July	10	10000	10	4500	45000	
14	8-9-25	August	9	0	0	4500	40500	
15	11-10-25	September	9	0	0	4500	40500	
16	10-11-25	October	10	0	0	4500	45000	
17	19-12-25	November	3	0	0	4500	13500/-	
18		December		0	0		0	

Swami Vivekanand Subharti University, Meerut, is committed to the systematic management of waste through segregation, collection, recycling, composting, and responsible disposal practices. The university maintains waste generation and disposal records, transportation documentation, and supporting photographic evidence to demonstrate its waste management activities. Organic waste is also utilised for composting to produce manure, supporting resource recovery and reducing the amount of waste requiring final disposal. These initiatives reflect the university's commitment to **UN Sustainable Development Goal 12 Responsible Consumption and Production** under the THE Sustainability Impact Rating 2026.

1. Solid Waste Management



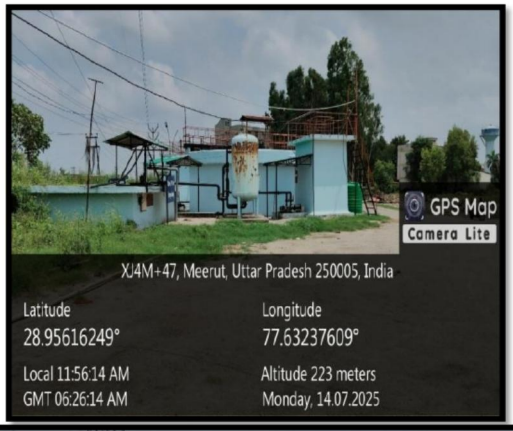




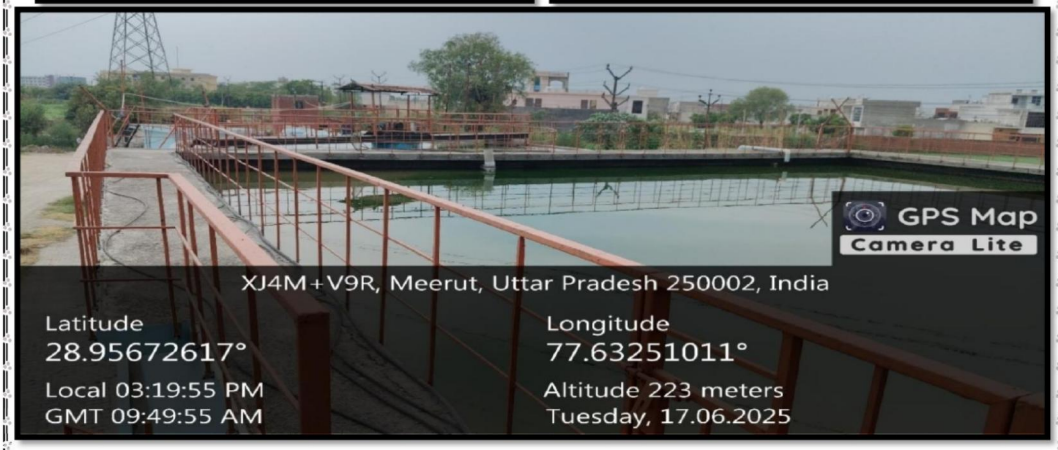


2. Liquid Waste Management










SECONDARY CLARIFIER
AERATION TANK
GPS Map Camera
Check In
Meerut, Uttar Pradesh, India
Xj4m+v9r, Meerut, Uttar Pradesh 250002, India
Lat 28.957157° Long 77.633759°
18/07/2025 09:20 AM GMT +05:30
Google


EFFLUENT TREATMENT PLANT
अपशिष्ट उपचार संयंत्र
INLET VALVE
GPS Map
Camera Lite
XJ6P+GXR, Meerut, Uttar Pradesh 250002, India
Latitude
28.96150088°
Longitude
77.63761965°
Local 12:32:28 PM
GMT 07:02:28 AM
Altitude 227 meters
Tuesday, 17.06.2025


EFFLUENT TREATMENT PLANT
अपशिष्ट उपचार संयंत्र
GPS Map
Camera Lite
XJ6Q+FCH Chhatrapati Shivaji Subharti Hospital, Meerut, Uttar Pradesh 250002, India
Latitude
28.96117886°
Longitude
77.63861566°
Local 12:29:12 PM
GMT 06:59:12 AM
Altitude 235 meters
Tuesday, 17.06.2025

Food Recycle Management

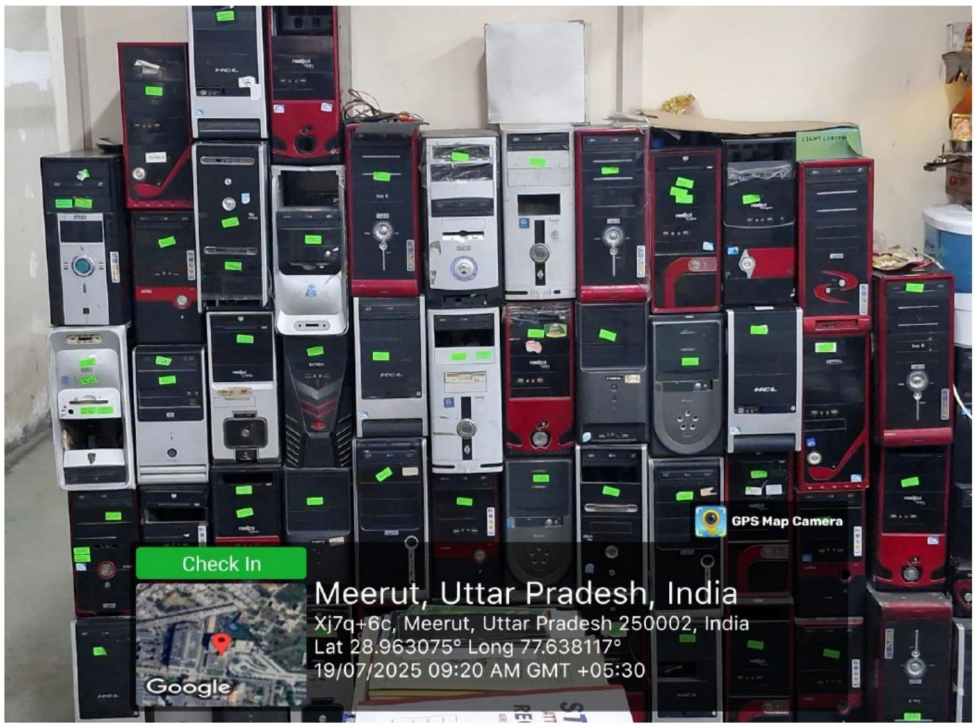




4. E- Waste Management







Page |

5. Waste Recycle System






BIO GAS
PLANT
GPS Map
Camera Lite
D-161, Green Wood City, Meerut, Uttar Pradesh 250002, India
Latitude
28.96344715°
Longitude
77.6372173°
Local 01:06:52 PM
GMT 07:36:52 AM
Altitude 226 meters
Monday, 14.07.2025


GPS Map
Camera Lite
XJ5M+62P, Meerut, Panchli Khurd, Uttar Pradesh 250002, India
Latitude
28.95805242°
Longitude
77.63230964°
Local 12:02:36 PM
GMT 06:32:36 AM
Altitude 223 meters
Monday, 14.07.2025


स्वामी विवेकानन्द सुभारती विश्वविद्यालय
केंचुआ जैविक खाद
केंचुआ जैविक खाद तैयार करने में उपयुक्त सामग्री
1. करचा जोचड़
2. जीवित केंचुआ
3. बेड ढकने हेतु पुराल
GPS Map Camera
Check In
Google
Meerut, Uttar Pradesh, India
Xj6q+4rq, Meerut, Uttar Pradesh 250002, India
Lat 28.959882° Long 77.639305°
19/07/2025 09:36 AM GMT +05:30

Waste segregation for recycling



University follows the **3R principle – Reduce, Reuse and Recycle**, along with resource recovery practices, to promote sustainable waste management across the campus. Waste is segregated at source into appropriate categories to facilitate the separate collection and handling of recyclable materials, including paper, plastic, metal, E-Waste and other recoverable waste. Reusable materials are utilised wherever feasible, while recyclable waste is channelled for further resource recovery. These practices help minimise waste generation, reduce the volume of waste requiring final disposal, and promote the efficient utilisation of resources.

Awareness Programme for Students
"BEST OUT OF WASTE"

Objective of the Activity:

- To show how reducing waste can help preserve natural ecosystems.
- To highlights the importance of reducing, reusing and recycling to minimize environmental impact.
- To raise awareness about waste reduction and environmental conservation.
- To encourage participants to transform everyday trash into useful or decorative items, fostering a sense of ingenuity and resourcefulness.

An event of "Best out of Waste" was organized by JPSCP for college students to encourage creativity and environmental awareness by creating models and projects from waste materials. It was conducted on April 12, 2025; the initiative aimed to promote the reuse of discarded items, reduce waste, and develop students' skills in crafting and design. Students transformed everyday waste into useful and decorative items, showcasing sustainable practices. Students had made projects with use of waste. Students from different batches participated in groups and prepared models highlighting the theme of reduce, recycle and reuse. The theme "Best out of Waste" emphasizes creating valuable, useful, or aesthetically pleasing items from materials that are typically discarded or considered useless. It promotes creativity, sustainability, and resourcefulness by encouraging people to repurpose waste materials into innovative projects, such as crafts, working models, or functional objects. The students prepared projects including physiotherapy equipment an OPD model and a moonlight creation showcase their ingenuity in reposing materials while addressing practical and aesthetic themes. Students also prepared boxes of biowaste with the help of ice cream sticks and disposable glasses. Students of batch 2022 name Nisha Yadav, Anshu priya and Jyoti Chaudhary won first prize in the event. Siddhi, Neha and Aprajita from batch 2024 got second prize.

Glimpses of Event





Outcomes of Activity:

- Students diverted significant amounts of waste from landfills, raising awareness about recycling.
- Participants improved their crafting, teamwork, and problem-solving abilities.
- Students understand the importance of theme reduce , recycle and reuse

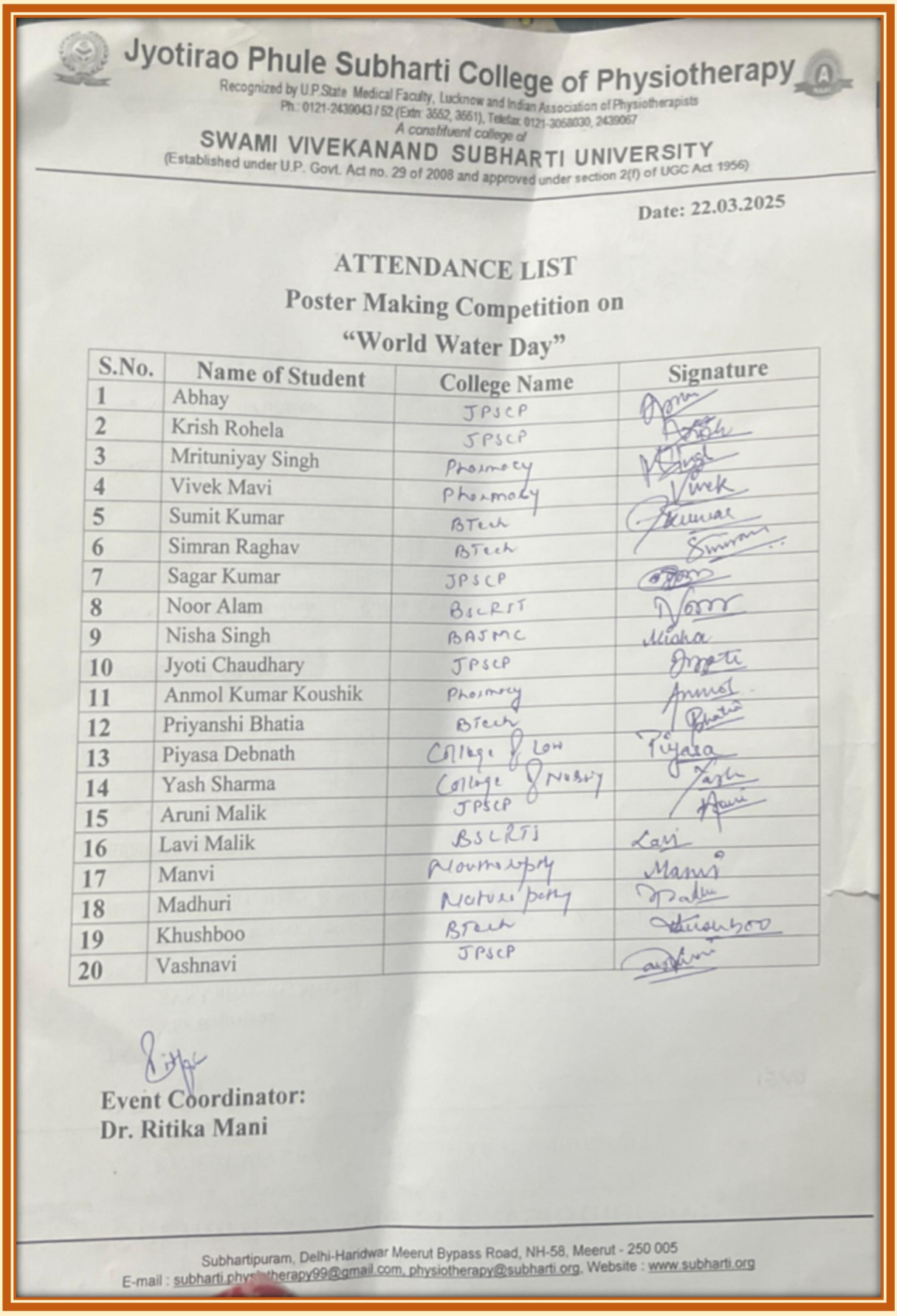
Attendance list of best out of waste			
S.NO	**ENROLLMENT NO**	**NAME OF THE STUDENT**	**FATHER NAME**
1	2203000000330	NISHA YADAV	SANJAY YADAV
2	2203000000885	JYOTI CHAUDHARY	UMESH CHAUDHARY
3	2203000000322	ANSHU PRIYA	KAMLESH KUMAR
4	2450211602044010	SIDHI PATHAK	ASHOK KUMAR PATHAK
5	2450211602044070	NEHA KUAMARI	VISHAL KUAMR
6	2450211602044070	APRAJITA	VIJAY KUMAR SHARMA
7	2103000040665	SUNNY	PRAVINDA KUMAR SINGH
8	2103000041321	RAHUL	BHAGWATI PRASAD
9	2103000041025	SONAKSHI	TEJ PRATAP SINGH
10	2303000000269	MANVI	NAVEEN KUMAR
11	2303000001504	KM. TANU	DHARAM SINGH SAINI
12	2303000000326	VANDANA	RISHIPAL SINGH

Model/Planter Making – Reduce, Recycle and Reuse



Outcomes of Activity:

- Increased awareness regarding importance of water and encouraged towards addressing water scarcity and pollution.
- Provided a platform for sharing knowledge, best practices and innovative solutions for water management.
- It promotes creativity and self expression



Jyotirao Phule Subharti College of Physiotherapy

Recognized by U.P.State Medical Faculty, Lucknow and Indian Association of Physiotherapists
Ph.: 0121-2439043 / 52 (Extn: 3552, 3551), Telefax: 0121-3058030, 2439067
A constituent college of
SWAMI VIVEKANAND SUBHARTI UNIVERSITY
(Established under U.P. Govt. Act no. 29 of 2008 and approved under section 2(f) of UGC Act 1956)

Date: 22.03.2025

ATTENDANCE LIST

Poster Making Competition on

"World Water Day"

S.No.	Name of Student	College Name	Signature
1	Abhay	JPSCP	
2	Krish Rohela	JPSCP	
3	Mrituniyay Singh	Pharmacy	
4	Vivek Mavi	Pharmacy	
5	Sumit Kumar	BTech	
6	Simran Raghav	BTech	
7	Sagar Kumar	JPSCP	
8	Noor Alam	BSCRIT	
9	Nisha Singh	BAJMC	
10	Jyoti Chaudhary	JPSCP	
11	Anmol Kumar Koushik	Pharmacy	
12	Priyanshi Bhatia	BTech	
13	Piyasa Debnath	College of Law	
14	Yash Sharma	College of Nursing	
15	Aruni Malik	JPSCP	
16	Lavi Malik	BSCRIT	
17	Manvi	Naturopathy	
18	Madhuri	Naturopathy	
19	Khushboo	BTech	
20	Vashnavi	JPSCP	

Event Coordinator:
Dr. Ritika Mani

Subhartipuram, Delhi-Haridwar Meerut Bypass Road, NH-58, Meerut - 250 005
E-mail : subharti.physiotherapy99@gmail.com, physiotherapy@subharti.org, Website : www.subharti.org









SWAMI VIVEKANAND SUBHARTI UNIVERSITY
Approved by UGC — Where Education is a Passion...
NAAC

JYOTIRAO PHULE SUBHARTI COLLEGE OF PHYSIOTHERAPY
FACULTY OF PHYSIOTHERAPY & ALLIED HEALTH SCIENCES

WORLD WATER DAY CELEBRATION

CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms SAGAR KUMAR has participated in the Poster Making Competition.

Occasion: World Water Day
Date: 22nd March 2025
Venue: JPSCP

DR. RAJ KUMAR SHARMA
Event Coordinator

DR. RITIKA MANI
Event Coordinator

PROF (DR) JASMINE ANANDABAI
Dean & Principal

12.2.5 Minimisation of Plastic Use

Swami Vivekanand Subharti University has established an institutional framework for minimising plastic use through its Integrated Sustainable Waste, Resource Minimisation, Reducing Marine Pollution and Responsible Supply Chain Policy **Section 5.3 Minimization of Plastic Use** of the policy provides for reducing avoidable single-use plastics across academic, administrative, healthcare, residential, hospitality, and event-related activities. It encourages the use of reusable, recyclable, and environmentally preferable alternatives, the avoidance of unnecessary plastic packaging, and awareness initiatives to reduce plastic consumption and plastic waste. The implementation framework envisages plastic-reduction measures through institutional communication, responsible procurement, adoption of reusable alternatives wherever feasible, and cooperation among university departments and service providers. Relevant implementation evidence includes the Institutional Notice on the Polythene Ban, photographs of plastic-minimisation initiatives, and documentation of reusable stainless-steel utensils in hostel mess facilities, where these practices are documented. Green audit reports and other relevant environmental records may provide additional evidence of the University's efforts to reduce reliance on single-use plastics. The policy's documentation and monitoring provisions, outlined in **Sections 6 Documentation and Record Keeping and 7 Monitoring and Performance Review**, support the recording and periodic review of plastic-reduction initiatives. The overarching policy is referenced under Indicator 12.2.3 and may be consulted through the policy link provided in that section. Indicator-specific evidence for plastic minimisation is presented here to demonstrate the University's relevant institutional measures and their contribution to Sustainable Development Goal 12: Responsible Consumption and Production.

Institutional Notice on Polythene Ban

SWAMI VIVEKANAND
SUBHARTI UNIVERSITY
Subhartipuram, NH-58, Delhi Haridwar Meerut Bypass Road, Meerut-250005
Ph. 0121-2439043, 2439052, 3058031, 3058032; Telefax : 0121-2439067
e-mail: subharti@subharti.org, Website : www.subharti.org

Ref.: No. SVSU/2025/85 Date: 12-07-2025

आवश्यक सूचना

विषयः– संस्थागत मैस, कैंटीन एवं दुकानों में पॉलिथीन के प्रयोग हेतु भारत सरकार के मानकों के अनुपालन के सम्बन्ध में

प्रबन्धन के आदेशानुसार मुझे यह कहने का निर्देश प्राप्त हुआ है, कि सुभारती विश्वविद्यालय परिसर में संचालित समस्त मैस, कैंटीन एवं दुकानों के संचालकों को निर्देशित किया जाता है कि वे अपने प्रतिष्ठानों में सामान का वितरण भारत सरकार द्वारा निर्धारित पर्यावरणीय मानकों के अनुरूप पॉलिथीन का प्रयोग करते हुए सुनिश्चित करें। यह पहल संस्थान को पर्यावरण अनुकूल बनाने की दिशा में एक महत्त्वपूर्ण प्रयास है, जिसके सफल क्रियान्वयन हेतु सभी का सहयोग अपेक्षित है।

कृपया ध्यान दें कि यदि कोई प्रतिष्ठान इस अभियान का उल्लंघन करता है, तो प्रत्येक बार रूपये – 100/– (एक सौ रूपये) का आर्थिक दण्ड लगाया जायेगा एवं आवश्यकतानुसार अनुशासनात्मक कार्यवाही भी की जा सकती है।

(हर्षवर्धन कौशिक)
प्रशासनिक अधिकारी

प्रतिलिपि सूचनार्थ हेतु प्रेषितः–

- माननीय कुलपति महोदय,
- मुख्य कार्यकारी अधिकारी महोदया,
- चिकित्सा अधीक्षक महोदय,
- कुलसचिव महोदय,
- सुरक्षा विभाग
- संस्थागत समस्त व्यावसायिक प्रतिष्ठान,

(हर्षवर्धन कौशिक)

Scanned with OKEN Scanner

Notice regarding implementation of a Plastic-Free Campus Initiative

Ref: SVSU/2017/2226 DATED: 06-06-2017

English Translation of the Notice titled "Regarding the prohibition on the use of plastic disposables in events held within the Subharti University campus", issued on 06-06-2017, under Reference Number SVSU/2017/2226

Subject: Regarding the prohibition on the use of plastic disposables in events held within the Subharti University campus.

As per the directions of the Government of India regarding environmental protection, Swami Vivekanand Subharti University is fully implementing the ban imposed on the use of disposable plastic. In order to make the campus and the environment pollution-free, it is essential to completely avoid the use of plastic disposables.

In this context, as per the orders of the University Management, it has been directed that the use of plastic disposables in any programs or events organized within the institution is strictly prohibited. The use of such plastic items is not environmentally appropriate, especially when the Subharti University campus has already been declared a Plastic-Free Zone.


KEEP YOUR CAMPUS GREEN
PLASTIC PROHIBITED
NO SMOKING
CAR FREE DAY
SPEED LIMITED (20 KM/H)


KEEP YOUR CAMPUS GREEN
PLASTIC PROHIBITED
NO SMOKING


KEEP YOUR CAMPUS GREEN
CAR FREE DAY
PLASTIC PROHIBITED
NO SMOKING

No Plastic in Hostel Mess











Figure 7: Plastic free working mechanism

Swami Vivekanand Subharti University, Meerut, is committed to minimising plastic pollution and promoting a cleaner, healthier, and environmentally responsible campus through its institutional initiative to restrict the use of polythene and single-use plastics. The university promotes a plastic-free campus by discouraging the use of plastic carry bags, disposable cups, plates, spoons, straws, and other single-use plastic items across its academic blocks, administrative offices, hostels, canteens, mess facilities, and other campus premises. Students, faculty members, staff, food vendors, and other stakeholders are encouraged to adopt sustainable alternatives, including reusable cloth bags, stainless-steel utensils, and other durable materials. Particular emphasis is placed on reducing disposable plastic consumption in hostel mess and dining facilities through the use of reusable serving and dining utensils. Awareness and responsible practices are encouraged to ensure wider participation in plastic reduction initiatives. These measures help prevent plastic waste generation, reduce environmental pollution, and promote sustainable consumption habits throughout the university campus, contributing to **UN Sustainable Development Goal 12 (Responsible Consumption and Production)** under the THE Sustainability Impact Rating 2026.

12.2.6 Minimisation of Disposable Items

Swami Vivekanand Subharti University promotes the minimisation of avoidable disposable items through its Integrated Sustainable Waste, Resource Minimisation, Reducing Marine Pollution and Responsible Supply Chain Policy. **Section 5.4 Minimization of Disposable Items** specifically addresses the reduction of disposable cups, plates, cutlery, bottles, packaging, stationery, and other similar items, while encouraging reusable alternatives wherever practical, hygienic, safe, and operationally appropriate. The policy is supported by Section 5.3 Minimization of Plastic Use, which promotes the reduction of avoidable single-use plastics, and Section 4.5 Sustainable Procurement, which encourages resource-efficient and environmentally preferable purchasing. The University's institutional measures include promoting the use of reusable stainless-steel utensils in hostel mess and dining facilities, encouraging responsible resource utilisation, and supporting waste-reduction practices across relevant campus facilities. The common policy is referenced under Indicator 12.2.3. The University also undertakes environmental awareness activities, including educational, solid and biomedical waste management facilities, biogas plant, and waste segregation facilities, to familiarise students with responsible waste management and resource recovery. These measures contribute to the University's commitment to **SDG 12: Responsible Consumption and Production**, by promoting waste prevention, reuse, and more sustainable resource-management practices.

Notice on Prohibition on the use of Plastic Disposable Items in Events

Ref: SVSU/2017/2226 DATED: 06-06-2017

English Translation of the Notice titled "Regarding the prohibition on the use of plastic disposables in events held within the Subharti University campus", issued on 06-06-2017, under Reference Number SVSU/2017/2226

Subject: Regarding the prohibition on the use of plastic disposables in events held within the Subharti University campus.

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English Translation

Registrar

Minimisation of Disposable items in Hostel Mess



Use of Reusable Stainless-Steel Utensils/storage in University Hostel Mess

The university promotes use of reusable stainless-steel utensils and storage facilities in the University hostel mess, reflecting efforts to minimise dependence on disposable cups, plates, and cutlery. The use of durable, reusable utensils supports waste prevention, reduces the need for single-use alternatives, and promotes responsible consumption practices in hostel dining facilities. This initiative aligns with Section 5.4 Minimization of Disposable Items of Integrated Sustainable Waste, Resource Minimisation, Reducing Marine Pollution and Responsible Supply Chain Policy, which encourages reusable alternatives wherever practical, hygienic, safe, and operationally appropriate.

12.2.7 and 12.2.8: Sustainable Supply Chain Management and Environmental Responsibility in Outsourced Services and Procurement

Swami Vivekanand Subharti University, Meerut, promotes responsible consumption, waste minimisation, and environmental sustainability across its institutional operations, outsourced services, and procurement activities. The University's Integrated Sustainable Waste, Resource Minimisation, Reducing Marine Pollution and Responsible Supply Chain Policy, together with its Sustainable Procurement/Purchasing Policy, provides an institutional framework for incorporating environmental considerations into purchasing decisions and promoting responsible practices among contractors, outsourced service providers, vendors, and suppliers.

Indicator 12.2.7: Environmental Responsibility in Outsourced Services

Section 5.5, *Outsourced Services and Contractors*, of the Integrated Sustainable Waste, Resource Minimisation, Reducing Marine Pollution and Responsible Supply Chain Policy addresses the extension of relevant environmental and waste-minimisation requirements to outsourced service providers. As appropriate, these requirements incorporated into contracts, tenders, work orders, service agreements, and operational instructions. They are relevant to services such as housekeeping and cleaning, canteen and food services, facility management, maintenance, landscaping, gardening, and other applicable outsourced activities. Environmental considerations may include waste segregation, responsible waste collection and disposal, minimisation of disposable items, reduction of avoidable plastic packaging, and appropriate handling of food and garden waste. The implementation of these practices can be documented through applicable service agreements, tender conditions, work orders,

inspection records, waste-management documentation, and photographs of relevant practices, wherever available.

Indicator 12.2.8: Environmental Responsibility in Suppliers and the Supply Chain

Integrated Sustainable Waste, Resource Minimisation, Reducing Marine Pollution and Responsible Supply Chain Policy provide guidance for integrating environmental considerations into procurement and supply-chain activities. These provisions encourage consideration of product durability, recyclability, material efficiency, environmental performance, packaging reduction, and responsible end-of-life management. Suppliers also be encouraged to minimise unnecessary packaging and avoidable single-use plastics and, where practicable, support reusable or recyclable materials, repair, refurbishment, recycling, and take-back arrangements. University supporting institutional documentation includes food-vendor registration and licence records issued by the Food Safety and Standards Authority of India (FSSAI), along with relevant green audit, environmental audit, energy audit, and energy management certification, where applicable. These records support the University's broader compliance and environmental management framework. More specific evidence of supply-chain implementation includes purchase orders, procurement specifications, supplier declarations, tender documents, and applicable contractual conditions that address environmental or waste-management requirements.

The University’s policy framework also identifies documentation, record-keeping, and periodic monitoring as important elements of environmental management. Relevant supporting evidence for these indicators may include:

- Outsourced-service contracts, agreements, tenders, and work orders containing applicable environmental or waste-management requirements.

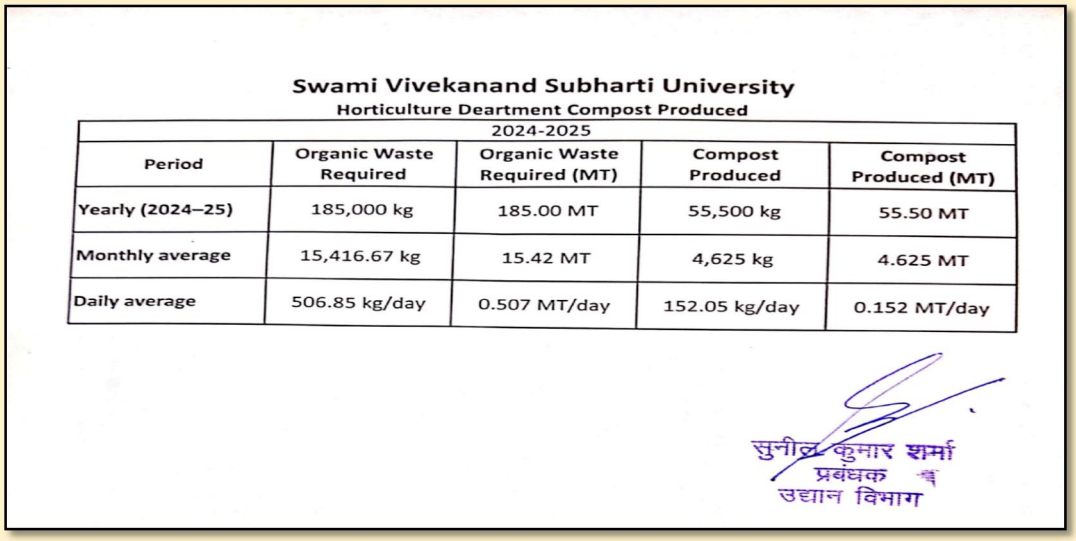
- Purchase orders, procurement specifications, and supplier declarations relating to product quality, packaging, durability, or recyclability.
- FSSAI registration and licence records for food vendors, where applicable.
- Vendor inspection reports, service-monitoring records, and photographs documenting relevant waste-minimisation practices.
- Green audit, environmental audit, and other relevant institutional environmental-management records.

Through its policy framework, procurement practices, and applicable service-monitoring arrangements, Swami Vivekanand Subharti University, seeks to promote environmental responsibility beyond its direct institutional operations and encourage more sustainable



practices throughout its supply chain. These efforts support **SDG 12: Responsible**

Consumption and Production, particularly Indicator **12.2.7 Outsourced Services** and



Swami Vivekanand Subharti University

Horticulture Deartment Compost Produced

2024-2025

Period	Organic Waste Required	Organic Waste Required (MT)	Compost Produced	Compost Produced (MT)
Yearly (2024–25)	185,000 kg	185.00 MT	55,500 kg	55.50 MT
Monthly average	15,416.67 kg	15.42 MT	4,625 kg	4.625 MT
Daily average	506.85 kg/day	0.507 MT/day	152.05 kg/day	0.152 MT/day

सुनील कुमार शर्मा
प्रबंधक
उद्यान विभाग

Indicator **12.2.8 Suppliers and Supply Chain**.

Figure 8: Mechanism of Outsourced Services and Procurement

12.3.1 Measurement of Waste Generated and Recycled Across the University

Waste Generation, Recycling and Final Disposal Statement

Waste Category	Quantity
Solid Waste	60 MT
Liquid/Other Waste	72 MT
E-Waste	2 MT
Hazardous/Biomedical Waste	6 MT
Total Waste Generated	140 MT

Further, considering the 55.50 MT of compost produced, as reported by the Horticulture Department,

Category wise waste in 2024-25

Indicator wise type of waste values

Indicator	2024–25 Value
12.3.2.1 : Total Amount of Waste Generated	140.00 MT
12.3.2.2 : Total Amount of Waste Recycled	56.00 MT
12.3.3.2 : Total Amount of Waste Sent to Landfill/Disposal	84.00 MT
Proportion of Waste Recycled	40.00%
Proportion of Waste Non-Recycled/Disposed	60.00%

Swami Vivekanand Subharti University, Meerut, recognises the importance of monitoring waste generation, recycling, and responsible waste disposal as part of its commitment to sustainable resource management and SDG 12: Responsible Consumption and Production. The University has established an institutional policy framework through its Integrated Sustainable Waste, Resource Minimisation, Reducing Marine Pollution and Responsible Supply Chain Policy, Sustainable Procurement/Purchasing Policy, and E-waste Management policy. These policies provide a foundation for responsible resource utilisation, waste minimisation, recycling, and environmentally responsible waste management. The University's supporting documentation includes SOPs, food-supplier certification and licensing records, Green Audit Certificate, Environmental Audit Certificate, Environmental Management Certificate, Energy Audit Certificate, and Energy Management Certificate. These documents provide supporting evidence of the University's broader environmental management and sustainability framework. To demonstrate the measurement of waste generated and recycled across the University, quantitative records should be maintained and reported for the relevant reporting period. These include waste-generation, waste collected and segregated, recycling and composting records, authorised waste-handler receipts, weighment slips, and periodic waste-audit reports. Such records can help establish the quantities of waste generated, recycled, recovered, composted, and finally disposed of. Where quantitative records are available, the University consolidates the data by waste category, reporting period, quantity generated, quantity recycled or recovered, and quantity finally disposed of.

12.4.1 – Publication of Sustainablity Report

Swami Vivekanand Subharti University, Meerut, Uttar Pradesh, India, demonstrates its commitment to sustainability, environmental responsibility, and institutional transparency through the publication of its annual sustainability report on its official website. The

University has published a document titled *Sustainability Measures Implemented at Swami Vivekanand Subharti University*, prepared by the Office of the Internal Quality Assurance Cell (IQAC) in 2025. The document is publicly accessible through the University's official sustainability webpage and provides information on the sustainability measures implemented across the University. The published report documents sustainability measures and facilities implemented across the University campus.

Official University Link: Sustainability Measures at Swami Vivekanand Subharti University

Courses Offered Across Various Programmes at the University Aligned with SDG 12 - Responsible Consumption and Production

Swami Vivekanand Subharti University is committed to Sustainable Development Goal 12 (SDG 12): Responsible Consumption and Production by promoting sustainable practices, environmental responsibility, and efficient utilisation of resources across the University. Through various academic programmes and initiatives, the University aims to develop awareness and understanding of sustainable consumption, waste minimisation, resource conservation, recycling, and responsible production practices. These initiatives focus on encouraging environmentally responsible behaviour, reducing waste generation, promoting sustainable resource management, and fostering awareness of the environmental impacts of consumption and production. This academic approach enables the University to integrate sustainability principles into its educational programmes and institutional practices, contributing to the achievement of SDG 12 and promoting a culture of responsible consumption and sustainable development.

List of Courses Offered Across Various University Programmes Aligned with SDG 12 - Responsible Consumption and Production

S. No.	Name of Faculty	Course Name	Relevance to SDG-12: Responsible Consumption and Production
1	Faculty of Medicine	Haematology, transfusion medicine and laboratory medicine including instrumentation and quality control	Promotes responsible utilisation of laboratory resources, quality control practices, minimisation of material wastage and safe management of laboratory processes.
2	Faculty of Medicine	Histopathology & Cytopathology, Blood banking & Biomedical waste management.	Develops knowledge of biomedical waste segregation, safe handling, disposal practices and responsible management of healthcare waste.
3	Faculty of Medicine	Details of common surgeries & applied OT techniques, Basics of CSSD & sterilization practices, biomedical waste management, Basic biomedical engineering physics of OT equipments & instrument.	Promotes responsible use and sterilisation of medical instruments, efficient resource utilisation and safe biomedical waste management.
4	Faculty of Dental Sciences	Dental Materials	Develops understanding of the appropriate selection, efficient utilisation and responsible handling of dental materials, including minimisation of material wastage.
5	Faculty of Dental Sciences	Applied Anatomy, Physiology, Pathology, Microbiology and Dental Materials, Research methodology & Biostatistics – I	Promotes responsible handling and utilisation of laboratory and dental materials, quality practices and minimisation of material wastage.
6	Faculty of Dental Sciences	Applied Anatomy, Physiology, Pathology, applied dental materials, Biostatistics and Research Methodology – I	Promotes responsible handling and utilisation of laboratory and dental materials, quality practices and minimisation of material wastage.
7	Faculty of Pharmacy	Industrial Pharmacy I	Develops knowledge of responsible pharmaceutical manufacturing, efficient utilisation of raw materials, production processes and minimisation of pharmaceutical waste.
8	Faculty of Pharmacy	Industrial Pharmacy I (Practical)	Develops knowledge of responsible pharmaceutical manufacturing, efficient utilisation of raw materials, production processes and minimisation of pharmaceutical waste.
9	Faculty of Pharmacy	Quality Assurance	Promotes quality management, process efficiency, reduction of production errors and responsible utilisation of resources.

10	Faculty of Pharmacy	Industrial Pharmacy II	Develops knowledge of responsible pharmaceutical manufacturing, efficient utilisation of raw materials, production processes and minimisation of pharmaceutical waste.
11	Faculty of Engineering & Technology	Civil Engineering Materials Testing & Evaluation	Encourages quality assessment, efficient utilisation and responsible selection of construction materials, supporting resource conservation and reduction of material wastage.
12	Faculty of Engineering & Technology	Civil Engineering Materials Testing & Evaluation Lab	Encourages quality assessment, efficient utilisation and responsible selection of construction materials, supporting resource conservation and reduction of material wastage.
13	Faculty of Engineering & Technology	Metallurgy & Materials Science	Develops understanding of material properties, efficient utilisation of metals and responsible material processing.
14	Faculty of Engineering & Technology	Strength of Materials	Promotes efficient material utilisation, optimum structural design and minimisation of material wastage.
15	Faculty of Engineering & Technology	Materials Engineering	Supports sustainable material selection, efficient resource utilisation and responsible processing of engineering materials.
16	Faculty of Engineering & Technology	Strength of Materials	Promotes efficient material utilisation, optimum structural design and minimisation of material wastage.
17	Faculty of Engineering & Technology	Solid And Hazardous Waste Management	Develops knowledge and skills in waste segregation, treatment, recycling, safe disposal and sustainable management of solid and hazardous waste.
18	Faculty of Engineering & Technology	Manufacturing Processes	Promotes efficient production methods, optimum utilisation of raw materials and reduction of manufacturing waste.
19	Faculty of Engineering & Technology	Automation In Manufacturing	Encourages efficient manufacturing operations, process optimisation, resource conservation and reduction of production waste.
20	Faculty of Engineering & Technology	Advanced Manufacturing	Supports sustainable manufacturing practices, efficient use of resources, process optimisation and minimisation of material wastage.
21	Faculty of Engineering & Technology	Advanced Manufacturing Lab-II	Supports sustainable manufacturing practices, efficient use of resources, process optimisation and minimisation of material wastage.

22	Faculty of Engineering & Technology	Water & Waste water Treatment	Promotes responsible water resource utilisation, wastewater treatment, recycling and reuse of treated water.
23	Faculty of Engineering & Technology	Solid & Hazardous Waste Management	Develops knowledge and skills in waste segregation, treatment, recycling, safe disposal and sustainable management of solid and hazardous waste.
24	Faculty of Management & Commerce	Human Resource Management	Encourages responsible organisational practices, efficient utilisation of workplace resources and integration of sustainability principles into organisational management.
25	Faculty of Management & Commerce	Human Resource Management	Encourages responsible organisational practices, efficient utilisation of workplace resources and integration of sustainability principles into organisational management.
26	Faculty of Management & Commerce	Human Resource Management	Encourages responsible organisational practices, efficient utilisation of workplace resources and integration of sustainability principles into organisational management.
27	Faculty of Management & Commerce	Apparel Manufacturing Technology	Promotes responsible utilisation of textile resources, efficient manufacturing practices and minimisation of fabric and production waste.
28	Faculty of Management & Commerce	Human Resource management-Basic	Encourages responsible organisational practices, efficient utilisation of workplace resources and integration of sustainability principles into organisational management.
29	Faculty of Management & Commerce	Human Resource Management-Advanced	Encourages responsible organisational practices, efficient utilisation of workplace resources and integration of sustainability principles into organisational management.
30	Faculty of Management & Commerce	Natural Resource Management(NRM), Watershed Management and sustainable Livelihoods	Promotes sustainable utilisation, conservation and management of natural resources and responsible resource-use practices.
31	Faculty of Management & Commerce	Human Resource Management an Organizational Development	Encourages responsible organisational practices, efficient utilisation of workplace resources and integration of sustainability principles into organisational management.

32	Faculty of Management & Commerce-College of Hotel Management	Human Resource Management	Encourages responsible resource utilisation and integration of sustainable practices into hospitality and organisational operations.
33	Faculty of Management & Commerce-College of Hotel Management	Human Resource Management in Hotels	Encourages responsible resource utilisation and integration of sustainable practices into hospitality and organisational operations.
34	Faculty of Management & Commerce-College of Hotel Management	Human Resource Management	Encourages responsible resource utilisation and integration of sustainable practices into hospitality and organisational operations.
35	Faculty of Management & Commerce-College of Hotel Management	Human Resource Management	Encourages responsible resource utilisation and integration of sustainable practices into hospitality and organisational operations.
36	Faculty of Science	Green chemistry	Promotes environmentally responsible chemical processes, waste prevention, safer chemical use and sustainable utilisation of resources.
37	Faculty of Science	Watershed and Wasteland Management	Develops understanding of sustainable land and water resource management, conservation and responsible utilisation of natural resources.
38	Faculty of Science	Watershed and Wasteland Management Practical	Develops understanding of sustainable land and water resource management, conservation and responsible utilisation of natural resources.
39	Faculty of Science	Physics Of Nanomaterials	Encourages responsible development and utilisation of advanced materials, efficient resource use and consideration of sustainable material applications.
40	Faculty of Science	Physics of Nanomaterials	Encourages responsible development and utilisation of advanced materials, efficient resource use and consideration of sustainable material applications.
41	Faculty of Science	Microbial Quality Control in Food and Pharmaceutical Industries	Promotes quality assurance, food and pharmaceutical safety, process efficiency and reduction of product wastage.
42	Faculty of Science	Introduction to Nano-materials	Develops awareness of advanced materials, their responsible utilisation and sustainable material applications.
43	Faculty of Fine Arts	Methods & Materials -I	Promotes appropriate selection and responsible utilisation of art materials, efficient material management and minimisation of material wastage.

44	Faculty of Fine Arts	Methods & Materials -Ii	Promotes appropriate selection and responsible utilisation of art materials, efficient material management and minimisation of material wastage.
45	Faculty of Fine Arts	Methods & Materials -Iii	Promotes appropriate selection and responsible utilisation of art materials, efficient material management and minimisation of material wastage.
46	Faculty of Fine Arts	Methods & Materials -Iv	Promotes appropriate selection and responsible utilisation of art materials, efficient material management and minimisation of material wastage.
47	Faculty of Fine Arts	Methods & Materials -I	Promotes appropriate selection and responsible utilisation of art materials, efficient material management and minimisation of material wastage.
48	Faculty of Fine Arts	Methods & Materials -Ii	Promotes appropriate selection and responsible utilisation of art materials, efficient material management and minimisation of material wastage.
49	Faculty of Fine Arts	Methods & Materials -Iii	Promotes appropriate selection and responsible utilisation of art materials, efficient material management and minimisation of material wastage.
50	Faculty of Fine Arts	Methods & Materials -Iv	Promotes appropriate selection and responsible utilisation of art materials, efficient material management and minimisation of material wastage.
51	Faculty of Fine Arts	BD-601DS13 QUALITY CONTROL	Develops understanding of quality standards, process monitoring, efficient resource utilisation and reduction of material wastage.
52	Faculty of Fine Arts	Garment manufacturing Technology	Encourages responsible use of fabrics and other raw materials, efficient production processes and reduction of textile waste.
53	Faculty of Arts & Social Science-Department of Home Science	Fundamentals of Resource Management-P	Develops knowledge of efficient resource planning, utilisation, conservation and responsible management of household and other resources.
54	Faculty of Arts & Social Science-Department of Home Science	Fundamentals of Resource Management	Develops knowledge of efficient resource planning, utilisation, conservation and responsible management of household and other resources.

55	Faculty of Arts & Social Science- Department of Home Science	Nutrition - A Life Cycle Approach	Promotes responsible food consumption, reduction of food wastage and awareness of sustainable food and nutrition practices.
56	Faculty of Arts and Social Science, Department of Liberal Arts and Humanities	Human Resource Management	Encourages responsible organisational practices, efficient utilisation of workplace resources and integration of sustainability principles into organisational management.