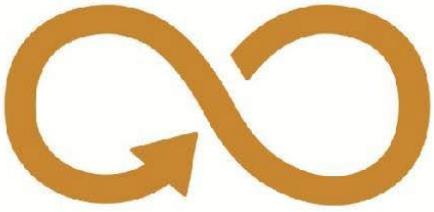
Swami Rama Himalayan University

NAAC A+

Report on

Sustainable Development Goal 12



RESPONSIBLE CONSUMPTION AND PRODUCTION

2025

SDG 12: Responsible Consumption and Production

Swami Rama Himalayan University (SRHU) advances SDG 12 through research, responsible procurement, waste minimization, recycling, resource efficiency, and sustainability reporting. During 2021–2025, SRHU produced 43 publications aligned with SDG 12, covering areas such as sustainable agriculture, circular economy, green chemistry, resource-efficient technologies and sustainable food systems. The University has established operational measures including ethical sourcing, hazardous-waste management, waste measurement, recycling targets, and measures to reduce single-use plastics and disposable items, with these practices extended to relevant outsourced services and supply chains. SRHU also maintains a campus-wide waste-tracking and segregation system covering biodegradable, non-biodegradable, biomedical, and recyclable waste. In 2024–25, 121.39 metric tonnes of waste were generated, and 102.70 metric tonnes were recycled, alongside composting and recycling of paper, plastic and metal. The University has also published a dedicated sustainability report on its website, including sustainability strategy, resource-consumption and waste-management data, and future targets.

12.1 Research on Responsible Consumption and Production

SRHU has produced a cumulative total of 54 publications aligned with SDG 12. During the most recent five-year period (2021–2025), 43 publications were identified as contributing to SDG 12, representing 79.6% of the university's total SDG 12 research output since inception. Of these, 12 publications were published in 2025, accounting for 27.9% of the five-year output.

Research Metric	Value
Total Publications during 2021-2025	43
FWCI	2.54
Citation Count	798
Total Views	2230

12.1.1 Responsible Consumption and Production: CiteScore

During the 2021–2025 reporting period, SRHU produced 43 publications aligned with SDG 12 (Responsible Consumption and Production), of which 22 report CiteScore data, with an average of 6.6. During 2025, 6 out of 12 publications reported CiteScore data, with an average of 9.3.

List of Publications with CiteScore

S.No	Paper Title	Authors	Journal / Book Name	Year	Cite Score	DOI
1	A state-of-the-Art review on edible electronics: Next-generation technologies for biocompatible and ingestible devices	Kataria, P.| Gupta, R.K.| Gupta, A.K.| Kaur, R.| Sharma, M.| Jha, A.K.| Naik, B.| Kumar, V.| Tavassoli, M.| Kaur, S.	Trends in Food Science and Technology	2025	27.3	10.1016/j.tifs.2025.104880
2	Harnessing nanotechnology for sustainable agriculture: From seed priming to encapsulation	Mahra, S.| Tripathi, S.| Tiwari, K.| Sharma, S.| Mathew, S.| Kumar, V.| Sharma, S.	Plant Nano Biology	2025	11.5	10.1016/j.plana.2024.100124
3	Understanding continuous use intention of technology among higher education teachers in emerging economy: evidence from integrated TAM, TPACK, and UTAUT model	Al-Adwan, A.S.| Meet, R.K.| Anand, S.| Shukla, G.P.| Alsharif, R.| Dabbaghia, M.	Studies in Higher Education	2025	11.4	10.1080/03075079.2024.2343955
4	Rhizobium as a potential biofertilizer and its quality control analysis for sustainable agriculture	Bahuguna, V.| Matura, R.| Farswan, A.S.| Naqvi, S.S.| Sharma, N.| Chaudhary, M.	Journal of Applied Biology and Biotechnology	2025	3.3	10.7324/JABB.2025.197428
5	Ecological Assessment of Nano Micronutrient Composites on Growth Dynamics and Yield Performance of Late-Sown Wheat (Triticum aestivum L.)	Jain, S.| Pathak, V.K.| Deogaonkar, A.| Vashistha, P.| Kumar, D.| Kabak, G.| Gaurav, K.| Gangola, S.| Divya| Srivastava, P.| Kumar, S.| Rawat, A.| Bhatt, P.| Khwairakpam, R.| Gupta, S.| Misra, S.| Gaur, A.| Joshi, S.| Bhardwaj, R.	Research in Ecology	2025	1.1	10.30564/re.v7i4.9640
6	Isolation and Characterization of Plant Growth Promoting Endophytes from Linum Usitatissimum	Bhandari, G.| Choudhary, S.| Deogaonkar, A.| Kumar, D.| Miglani, K.|	Research in Ecology	2025	1.1	10.30564/re.v7i2.9406

S.No	Paper Title	Authors	Journal / Book Name	Year	Cite Score	DOI
		Gupta, S.| Joshi, S.| Mittal, A.| Gangola, S.				
7	Leveraging Digital Technologies for Circular Economy: Exploring the Role of AI, IoT, and Blockchain in Overcoming Future Challenges	Harish, V.| Sharma, R.| Rana, G.| Parashar, B.	Sustainable Economy Models in the Age of Industry 5.0	2025	-	10.1007/978-981-96-4104-8_4
8	A SWOT analysis of religious tourism in Kedarnath, Uttarakhand, India	Dhyani, A.| Rana, V.| Dimri, G.| Dimri, R.P.| Dhyani, A.	Challenges, Opportunities, and Limitations of Religious Tourism in the Next Decade	2025	-	-
9	Advances in Contemporary Tools for Detecting and Diagnosing Plant Pathogens	Chaudhary, A.| Chaudhary, P.| Singh, S.| Bhandari, G.| Tripathi, V.	Interdisciplinary Biotechnological Advances	2025	-	10.1007/978-981-97-7510-1_9
10	Closer Guest Contact Through Contactless Technologies in Hotels	Dhyani, A.| Dhyani, A.| Rana, V.| Dimri, R.P.| Dimri, G.| Lal, S.K.	Future of Contactless Technology in Hotels and Restaurants	2025	-	10.4018/979-8-3373-1489-1.ch007
11	Crop Disease Detection Using Convolutional Neural Network (CNN)	Baghe, P.S.| Singhal, M.| Rani, R.| Kanauzia, R.	Proceedings of 1st IEEE Uttar Pradesh Section Women in Engineering International Conference on Electrical, Electronics and Computer Engineering, UPWIECON 2025	2025	-	10.1109/UPWIECON67212.2025.11390289
12	Serving local produce in homestays for socio-economic development in Uttarakhand	Dhyani, A.| Rana, V.| Dimri, G.| Dimri, R.P.| Dhyani, A.| Lal, S.K.	Global Practices and Innovations in Sustainable Homestay Tourism	2025	-	10.4018/979-8-3373-0427-4.ch011
13	Green chemistry revolutionizing sustainability in the food industry: A comprehensive review and call to action	Gupta, A.K.| Boruah, T.| Ghosh, P.| Ikram, A.| Rana, S.S.| Shanker M, A.| Bachetti, A.| Jha, A.K.| Naik, B.| Kumar, V.| Rustagi, S.	Sustainable Chemistry and Pharmacy	2024	8.8	10.1016/j.scp.2024.101774

S.No	Paper Title	Authors	Journal / Book Name	Year	Cite Score	DOI
14	Sustainable solutions for food security: Evaluating pre-treatment technologies in the growing fruits and vegetables industry of India	Joshi, A.| Gupta, A.K.| Mansi| Semwal, S.| Deoli, N.| Rather, M.A.| Naik, B.| Kumar, V.| Jha, A.K.| Rustagi, S.| Preet, M.S.	Sustainable Chemistry and Pharmacy	2024	8.8	10.1016/j.scp.2024.101580
15	Nanoparticles as a Tool for Alleviating Plant Stress: Mechanisms, Implications, and Challenges	Kumari, A.| Gupta, A.K.| Sharma, S.| Jadon, V.S.| Sharma, V.| Chun, S.C.| Sivanesan, I.	Plants	2024	7.6	10.3390/plants13111528
16	Himalayan fruit and circular economy: nutraceutical potential, traditional uses, challenges and opportunities	Ritika| Bora, B.| Ismail, B.B.| Garba, U.| Mishra, S.| Jha, A.K.| Naik, B.| Kumar, V.| Rather, M.A.| Rizwana| Preet, M.| Rustagi, S.| Kumar, H.| Gupta, A.K.	Food Production, Processing and Nutrition	2024	7	10.1186/s43014-023-00220-6
17	Slaughterhouse blood: A state-of-the-art review on transforming by-products into valuable nutritional resources and the role of circular economy	Gupta, A.K.| Fadzlillah, N.A.| Sukri, S.J.M.| Adediran, O.A.| Rather, M.A.| Naik, B.| Kumar, V.| Bekhit, A.E.-D.A.| Ramli, M.A.| Jha, A.K.| Neog, P.R.| Bhuyan, S.| Rustagi, S.	Food Bioscience	2024	6.8	10.1016/j.fbio.2024.104644
18	Biochar production methods and their transformative potential for environmental remediation	Rajput, V.| Saini, I.| Parmar, S.| Pundir, V.| Kumar, V.| Kumar, V.| Naik, B.| Rustagi, S.	Discover Applied Sciences	2024	6.5	10.1007/s42452-024-06125-4
19	Green human resource management and environmental performance: mediating role of green innovation – a study from an emerging country	Rana, G.| Arya, V.	Foresight	2024	6.3	10.1108/FS-04-2021-0094
20	Impact of Financial Inclusion for Achieving Sustainable Development for Removing Poverty in all Forms: A Review Study from India	Rana, G.| Sharma, R.| Sharma, B.	Sustainable Finance	2024	0.6	10.1007/978-3-031-67523-2_20

S.No	Paper Title	Authors	Journal / Book Name	Year	Cite Score	DOI
21	Advanced technologies for realizing sustainable development goals: 5G, AI, big data, blockchain, and Industry 4.0 application	Bhatt, A.| Joshi, P.| Joshi, K.| Bijalwan, A.	Advanced Technologies for Realizing Sustainable Development Goals: 5G, AI, Big Data, Blockchain, and Industry 4.0 Application	2024	-	10.2174/9789815256680124 0101
22	Agricultural Innovations using IOT - A Comprehensive Review	Singh, J.N.| Mall, S.| Arthi, T.S.| Srivastava, D.| Hussein, L.	Proceedings - IEEE 2024 1st International Conference on Advances in Computing, Communication and Networking, ICAC2N 2024	2024	-	10.1109/ICAC2N63387.2024.10895646
23	Application of Artificial Intelligence for the Success of Supply Chain Operations in the Age of Data Analytics	Rana, G.| Sharma, R.| Parashar, B.	2024 International Conference on Smart Devices, ICSD 2024	2024	-	10.1109/ICSD60021.2024.10751637
24	Fishers 4.0: Revolutionizing Contemporary Fisheries Management through Industry 4.0 Integration	Joshi, P.| Bhatt, A.| Aggarwal, G.	Proceedings - 2024 International Conference on Healthcare Innovations, Software and Engineering Technologies, HISET 2024	2024	-	10.1109/HISET61796.2024.00054
25	Green Synthesis of Al2O3 Nanoparticles from Agro-Waste as a Sustainable Approach	Santhanam, A.| Dhasmana, A.| Sati, A.| Bhandari, G.| Gupta, S.	Proceedings - 2024 International Conference on Healthcare Innovations, Software and Engineering Technologies, HISET 2024	2024	-	10.1109/HISET61796.2024.00045
26	Imperative Role of Artificial Intelligence and Nanotechnology in Healthcare Sector for Sustainable Development	Bijlwan, S.	Internet of Medicine for Smart Healthcare	2024	-	10.1002/9781394272266.ch6
27	Integrating circular economy in smart cities: Challenges and pathways to sustainable urban development	Trivedi, A.| Trivedi, N.	Smart Cities and Circular Economy: The Future of Sustainable Urban Development	2024	-	10.1108/978-1-83797-957-820241006

S.No	Paper Title	Authors	Journal / Book Name	Year	Cite Score	DOI
28	Introduction	Gupta, A.K.| Kumar, V.| Naik, B.| Mishra, P.	Edible Flowers: Health Benefits, Nutrition, Processing, and Applications	2024	-	10.1016/B978-0-443-13769-3.00001-7
29	Probiotics in Aquaculture	Chandra, S.| Joshi, N.	Handbook of Aquatic Microbiology	2024	-	10.1201/9781003408543-7
30	United Nations Sustainable Development Goals in the context of hydrological extremes	Uniyal, A.| Kaushik, N.| Uniyal, H.P.	Water Sustainability and Hydrological Extremes: Quantity, Quality, and Security	2024	-	10.1016/B978-0-443-21499-8.00014-3
31	A review on hospital wastewater treatment technologies: Current management practices and future prospects	Bhandari, G.| Chaudhary, P.| Gangola, S.| Gupta, S.| Gupta, A.| Rafatullah, M.| Chen, S.	Journal of Water Process Engineering	2023	10.7	10.1016/j.jwpe.2023.104516
32	Novel food materials: Fundamentals and applications in sustainable food systems for food processing and safety	Gupta, A.K.| Pratiksha| Das, T.| Kumar, H.| Rastogi, S.| Espinosa, E.| Rincón, E.| Morcillo-Martín, R.| Rather, M.A.| Kumar, V.| Naik, B.| Makroo, H.A.| Xiao, H.-W.| Ranjan, R.| Mishra, S.	Food Bioscience	2023	6.4	10.1016/j.fbio.2023.103013
33	Valorization of tender coconut mesocarp for the formulation of ready-to-eat dairy-based dessert (Kheer): Utilization of industrial by-product	Naik, B.| Kumar, V.| Gupta, A.K.	Journal of Agriculture and Food Research	2023	5.4	10.1016/j.jafr.2023.100572
34	A Perspective Review on Green Nanotechnology in Agro-Ecosystems: Opportunities for Sustainable Agricultural Practices & Environmental Remediation	Bhandari, G.| Dhasmana, A.| Chaudhary, P.| Gupta, S.| Gangola, S.| Gupta, A.| Rustagi, S.| Shende, S.S.| Rajput, V.D.| Minkina, T.| Malik, S.| Slama, P.	Agriculture (Switzerland)	2023	4.9	10.3390/agriculture13030668

S.No	Paper Title	Authors	Journal / Book Name	Year	Cite Score	DOI
35	Microbial Biosurfactants and Their Implication Toward Wastewater Management	Rawat, G.| Choudhary, R.| Kumar, V.	Handbook of Environmental Chemistry	2023	2.9	10.1007/698_2022_877
36	Energy from Waste: Poterioochromonas malhamensis Used for Managing Dairy Effluent and Producing Valuable Microalgal Lipid	Dhillon, N.| Gupta, S.| Kumar, V.| Bhandari, G.| Arya, S.	Journal of Pure and Applied Microbiology	2023	2	10.22207/JPAM.17.2.48
37	Artificial Intelligence in Sustainable Education: Benefits, Applications, Framework, and Potential Barriers	Harish, V.| Sharma, R.| Rana, G.| Nayyar, A.	The Role of Sustainability and Artificial Intelligence in Education Improvement	2023	-	10.1201/9781003425779-12
38	Bioleaching: A Sustainable Resource Recovery Strategy for Urban Mining of E-waste	Bhandari, G.| Gupta, S.| Chaudhary, P.| Chaudhary, S.| Gangola, S.	Microbial Technology for Sustainable E-waste Management	2023	-	10.1007/978-3-031-25678-3_10
39	Impact of Nanoparticles on Abiotic Stress Tolerance	Bhandari, G.| Chaudhary, S.| Gupta, S.| Gangola, S.	Advances in Nanotechnology for Smart Agriculture: Techniques and Applications	2023	-	10.1201/9781003345565-12
40	Analytical and post analytical phase of an ISO 15189:2012 Certified cytopathology laboratory-a five year institutional experience	Chandra, S.| Kusum, A.| Gaur, D.| Chandra, H.	Journal of Cytology	2022	2.3	10.4103/JOC.JOC_90_20
41	Snowmelt Runoff Estimation in Bhagirathi Basin using WinSRM Approach	Thapliyal, A.| Rawat, M.| Sanjeev kimothi	Applied Computing and Geosciences	2021	2.5	10.1016/j.acags.2020.100046
42	Approach Towards Sustainable Crop Production by Utilizing Potential Microbiome	Rani, U.| Kumar, M.| Kumar, V.	Microorganisms for Sustainability	2021	-	10.1007/978-981-15-9912-5_9
43	Rhizobiont in Bioremediation of Hazardous Waste	Kumar, V.| Prasad, R.| Kumar, M.	Rhizobiont in Bioremediation of Hazardous Waste	2021	-	10.1007/978-981-16-0602-1

12.1.2 Responsible Consumption and Production: FWCI

During the 2021–2025 reporting period, SRHU produced 43 publications aligned with SDG 12, of which 33 report FWCI data, with an average of 2.54. During 2025, 6 out of 12 publications reported FWCI data, with an average of 3.86.

List of Publications with FWCI

S.No.	Paper Title	Authors	Journal / Book Name	Year	FWCI	DOI
1	Understanding continuous use intention of technology among higher education teachers in emerging economy: evidence from integrated TAM, TPACK, and UTAUT model	Al-Adwan, A.S.| Meet, R.K.| Anand, S.| Shukla, G.P.| Alsharif, R.| Dabbaghia, M.	Studies in Higher Education	2025	29.54	10.1080/03075079.2024.2343955
2	Leveraging Digital Technologies for Circular Economy: Exploring the Role of AI, IoT, and Blockchain in Overcoming Future Challenges	Harish, V.| Sharma, R.| Rana, G.| Parashar, B.	Sustainable Economy Models in the Age of Industry 5.0	2025	9.22	10.1007/978-981-96-4104-8_4
3	Harnessing nanotechnology for sustainable agriculture: From seed priming to encapsulation	Mahra, S.| Tripathi, S.| Tiwari, K.| Sharma, S.| Mathew, S.| Kumar, V.| Sharma, S.	Plant Nano Biology	2025	3.49	10.1016/j.plana.2024.100124
4	Rhizobium as a potential biofertilizer and its quality control analysis for sustainable agriculture	Bahuguna, V.| Matura, R.| Farswan, A.S.| Naqvi, S.S.| Sharma, N.| Chaudhary, M.	Journal of Applied Biology and Biotechnology	2025	1.96	10.7324/JABB.2025.197428
5	Advances in Contemporary Tools for Detecting and Diagnosing Plant Pathogens	Chaudhary, A.| Chaudhary, P.| Singh, S.| Bhandari, G.| Tripathi, V.	Interdisciplinary Biotechnological Advances	2025	1.68	10.1007/978-981-97-7510-1_9
6	A state-of-the-Art review on edible electronics: Next-generation technologies for biocompatible and ingestible devices	Kataria, P.| Gupta, R.K.| Gupta, A.K.| Kaur, R.| Sharma, M.| Jha, A.K.| Naik, B.| Kumar, V.| Tavassoli, M.| Kaur, S.	Trends in Food Science and Technology	2025	0.48	10.1016/j.tifs.2025.104880
7	A SWOT analysis of religious tourism in Kedarnath, Uttarakhand, India	Dhyani, A.| Rana, V.| Dimri, G.| Dimri, R.P.| Dhyani, A.	Challenges, Opportunities, and Limitations of Religious Tourism in the Next Decade	2025	0	-

S.No.	Paper Title	Authors	Journal / Book Name	Year	FWCI	DOI
8	Closer Guest Contact Through Contactless Technologies in Hotels	Dhyani, A.| Dhyani, A.| Rana, V.| Dimri, R.P.| Dimri, G.| Lal, S.K.	Future of Contactless Technology in Hotels and Restaurants	2025	0	10.4018/979-8-3373-1489-1.ch007
9	Crop Disease Detection Using Convolutional Neural Network (CNN)	Baghe, P.S.| Singhal, M.| Rani, R.| Kanauzia, R.	Proceedings of 1st IEEE Uttar Pradesh Section Women in Engineering International Conference on Electrical, Electronics and Computer Engineering, UPWIECON 2025	2025	0	10.1109/UPWIECON67212.2025.11390289
10	Ecological Assessment of Nano Micronutrient Composites on Growth Dynamics and Yield Performance of Late-Sown Wheat (Triticum aestivum L.)	Jain, S.| Pathak, V.K.| Deogaonkar, A.| Vashistha, P.| Kumar, D.| Kabak, G.| Gaurav, K.| Gangola, S.| Divya| Srivastava, P.| Kumar, S.| Rawat, A.| Bhatt, P.| Khwairakpam, R.| Gupta, S.| Misra, S.| Gaur, A.| Joshi, S.| Bhardwaj, R.	Research in Ecology	2025	0	10.30564/re.v7i4.9640
11	Isolation and Characterization of Plant Growth Promoting Endophytes from Linum Usitatissimum	Bhandari, G.| Choudhary, S.| Deogaonkar, A.| Kumar, D.| Miglani, K.| Gupta, S.| Joshi, S.| Mittal, A.| Gangola, S.	Research in Ecology	2025	0	10.30564/re.v7i2.9406
12	Serving local produce in homestays for socio-economic development in Uttarakhand	Dhyani, A.| Rana, V.| Dimri, G.| Dimri, R.P.| Dhyani, A.| Lal, S.K.	Global Practices and Innovations in Sustainable Homestay Tourism	2025	0	10.4018/979-8-3373-0427-4.ch011
13	Green human resource management and environmental performance: mediating role of green innovation – a study from an emerging country	Rana, G.| Arya, V.	Foresight	2024	15.7	10.1108/FS-04-2021-0094

S.No.	Paper Title	Authors	Journal / Book Name	Year	FWCI	DOI
14	Integrating circular economy in smart cities: Challenges and pathways to sustainable urban development	Trivedi, A.| Trivedi, N.	Smart Cities and Circular Economy: The Future of Sustainable Urban Development	2024	3.45	10.1108/978-1-83797-957-820241006
15	Nanoparticles as a Tool for Alleviating Plant Stress: Mechanisms, Implications, and Challenges	Kumari, A.| Gupta, A.K.| Sharma, S.| Jadon, V.S.| Sharma, V.| Chun, S.C.| Sivanesan, I.	Plants	2024	3.15	10.3390/plants13111528
16	Introduction	Gupta, A.K.| Kumar, V.| Naik, B.| Mishra, P.	Edible Flowers: Health Benefits, Nutrition, Processing, and Applications	2024	3.1	10.1016/B978-0-443-13769-3.00001-7
17	Application of Artificial Intelligence for the Success of Supply Chain Operations in the Age of Data Analytics	Rana, G.| Sharma, R.| Parashar, B.	2024 International Conference on Smart Devices, ICSD 2024	2024	2.27	10.1109/ICSD60021.2024.10751637
18	Biochar production methods and their transformative potential for environmental remediation	Rajput, V.| Saini, I.| Parmar, S.| Pundir, V.| Kumar, V.| Kumar, V.| Naik, B.| Rustagi, S.	Discover Applied Sciences	2024	2.18	10.1007/s42452-024-06125-4
19	Probiotics in Aquaculture	Chandra, S.| Joshi, N.	Handbook of Aquatic Microbiology	2024	2.01	10.1201/9781003408543-7
20	Fishers 4.0: Revolutionizing Contemporary Fisheries Management through Industry 4.0 Integration	Joshi, P.| Bhatt, A.| Aggarwal, G.	Proceedings - 2024 International Conference on Healthcare Innovations, Software and Engineering Technologies, HISET 2024	2024	1.9	10.1109/HISET61796.2024.00054
21	Slaughterhouse blood: A state-of-the-art review on transforming by-products into valuable nutritional resources and the role of circular economy	Gupta, A.K.| Fadzlillah, N.A.| Sukri, S.J.M.| Adediran, O.A.| Rather, M.A.| Naik, B.| Kumar, V.| Bekhit, A.E.-D.A.| Ramli, M.A.| Jha, A.K.| Neog, P.R.| Bhuyan, S.| Rustagi, S.	Food Bioscience	2024	1.7	10.1016/j.fbio.2024.104644

S.No.	Paper Title	Authors	Journal / Book Name	Year	FWCI	DOI
22	Impact of Financial Inclusion for Achieving Sustainable Development for Removing Poverty in all Forms: A Review Study from India	Rana, G.| Sharma, R.| Sharma, B.	Sustainable Finance	2024	1.17	10.1007/978-3-031-67523-2_20
23	United Nations Sustainable Development Goals in the context of hydrological extremes	Uniyal, A.| Kaushik, N.| Uniyal, H.P.	Water Sustainability and Hydrological Extremes: Quantity, Quality, and Security	2024	1.14	10.1016/B978-0-443-21499-8.00014-3
24	Himalayan fruit and circular economy: nutraceutical potential, traditional uses, challenges and opportunities	Ritika| Bora, B.| Ismail, B.B.| Garba, U.| Mishra, S.| Jha, A.K.| Naik, B.| Kumar, V.| Rather, M.A.| Rizwana| Preet, M.| Rustagi, S.| Kumar, H.| Gupta, A.K.	Food Production, Processing and Nutrition	2024	1.07	10.1186/s43014-023-00220-6
25	Green chemistry revolutionizing sustainability in the food industry: A comprehensive review and call to action	Gupta, A.K.| Boruah, T.| Ghosh, P.| Ikram, A.| Rana, S.S.| Shanker M, A.| Bachetti, A.| Jha, A.K.| Naik, B.| Kumar, V.| Rustagi, S.	Sustainable Chemistry and Pharmacy	2024	0.89	10.1016/j.scp.2024.101774
26	Sustainable solutions for food security: Evaluating pre-treatment technologies in the growing fruits and vegetables industry of India	Joshi, A.| Gupta, A.K.| Mansi| Semwal, S.| Deoli, N.| Rather, M.A.| Naik, B.| Kumar, V.| Jha, A.K.| Rustagi, S.| Preet, M.S.	Sustainable Chemistry and Pharmacy	2024	0.82	10.1016/j.scp.2024.101580
27	Green Synthesis of Al2O3 Nanoparticles from Agro-Waste as a Sustainable Approach	Santhanam, A.| Dhasmana, A.| Sati, A.| Bhandari, G.| Gupta, S.	Proceedings - 2024 International Conference on Healthcare Innovations, Software and Engineering Technologies, HISET 2024	2024	0.38	10.1109/HISET61796.2024.00045
28	Agricultural Innovations using IOT - A Comprehensive Review	Singh, J.N.| Mall, S.| Arthi, T.S.| Srivastava, D.| Hussein, L.	Proceedings - IEEE 2024 1st International Conference on Advances in Computing, Communication and	2024	0.35	10.1109/ICAC2N63387.2024.10895646

S.No.	Paper Title	Authors	Journal / Book Name	Year	FWCI	DOI
			Networking, ICAC2N 2024			
29	Advanced technologies for realizing sustainable development goals: 5G, AI, big data, blockchain, and Industry 4.0 application	Bhatt, A.| Joshi, P.| Joshi, K.| Bijalwan, A.	Advanced Technologies for Realizing Sustainable Development Goals: 5G, AI, Big Data, Blockchain, and Industry 4.0 Application	2024	0.33	10.2174/9789815256801240101
30	Imperative Role of Artificial Intelligence and Nanotechnology in Healthcare Sector for Sustainable Development	Bijlwan, S.	Internet of Medicine for Smart Healthcare	2024	0	10.1002/9781394272266.ch6
31	Bioleaching: A Sustainable Resource Recovery Strategy for Urban Mining of E-waste	Bhandari, G.| Gupta, S.| Chaudhary, P.| Chaudhary, S.| Gangola, S.	Microbial Technology for Sustainable E-waste Management	2023	8.64	10.1007/978-3-031-25678-3_10
32	A Perspective Review on Green Nanotechnology in Agro-Ecosystems: Opportunities for Sustainable Agricultural Practices & Environmental Remediation	Bhandari, G.| Dhasmana, A.| Chaudhary, P.| Gupta, S.| Gangola, S.| Gupta, A.| Rustagi, S.| Shende, S.S.| Rajput, V.D.| Minkina, T.| Malik, S.| Slama, P.	Agriculture (Switzerland)	2023	2.68	10.3390/agriculture13030668
33	Artificial Intelligence in Sustainable Education: Benefits, Applications, Framework, and Potential Barriers	Harish, V.| Sharma, R.| Rana, G.| Nayyar, A.	The Role of Sustainability and Artificial Intelligence in Education Improvement	2023	2.13	10.1201/9781003425779-12
34	A review on hospital wastewater treatment technologies: Current management practices and future prospects	Bhandari, G.| Chaudhary, P.| Gangola, S.| Gupta, S.| Gupta, A.| Rafatullah, M.| Chen, S.	Journal of Water Process Engineering	2023	1.8	10.1016/j.jwpe.2023.104516
35	Valorization of tender coconut mesocarp for the formulation of ready-to-eat dairy-based dessert (Kheer): Utilization of industrial by-product	Naik, B.| Kumar, V.| Gupta, A.K.	Journal of Agriculture and Food Research	2023	1.62	10.1016/j.jafr.2023.100572

S.No.	Paper Title	Authors	Journal / Book Name	Year	FWCI	DOI
36	Novel food materials: Fundamentals and applications in sustainable food systems for food processing and safety	Gupta, A.K.| Pratiksha| Das, T.| Kumar, H.| Rastogi, S.| Espinosa, E.| Rincón, E.| Morcillo-Martín, R.| Rather, M.A.| Kumar, V.| Naik, B.| Makroo, H.A.| Xiao, H.-W.| Ranjan, R.| Mishra, S.	Food Bioscience	2023	1.59	10.1016/j.fbio.2023.103013
37	Energy from Waste: Poterioochromonas malhamensis Used for Managing Dairy Effluent and Producing Valuable Microalgal Lipid	Dhillon, N.| Gupta, S.| Kumar, V.| Bhandari, G.| Arya, S.	Journal of Pure and Applied Microbiology	2023	0.17	10.22207/JPAM.17.2.48
38	Impact of Nanoparticles on Abiotic Stress Tolerance	Bhandari, G.| Chaudhary, S.| Gupta, S.| Gangola, S.	Advances in Nanotechnology for Smart Agriculture: Techniques and Applications	2023	0	10.1201/9781003345565-12
39	Microbial Biosurfactants and Their Implication Toward Wastewater Management	Rawat, G.| Choudhary, R.| Kumar, V.	Handbook of Environmental Chemistry	2023	0	10.1007/698_2022_877
40	Analytical and post analytical phase of an ISO 15189:2012 Certified cytopathology laboratory-a five year institutional experience	Chandra, S.| Kusum, A.| Gaur, D.| Chandra, H.	Journal of Cytology	2022	0.27	10.4103/JOC.JOC_90_20
41	Rhizobiont in Bioremediation of Hazardous Waste	Kumar, V.| Prasad, R.| Kumar, M.	Rhizobiont in Bioremediation of Hazardous Waste	2021	1.12	10.1007/978-981-16-0602-1
42	Snowmelt Runoff Estimation in Bhagirathi Basin using WinSRM Approach	Thapliyal, A.| Rawat, M.| Sanjeev kimothi	Applied Computing and Geosciences	2021	0.26	10.1016/j.acags.2020.100046
43	Approach Towards Sustainable Crop Production by Utilizing Potential Microbiome	Rani, U.| Kumar, M.| Kumar, V.	Microorganisms for Sustainability	2021	0	10.1007/978-981-15-9912-5_9

12.1.3 Responsible Consumption and Production: Publications

SRHU produced 43 publications aligned with SDG 12 during 2021-2025, spanning sustainable agriculture and plant-microbiome research, circular-economy valorization of food and industrial by-products, green chemistry and nanotechnology, edible/biocompatible electronics, and sustainable tourism practices in Uttarakhand. The breadth and consistent output across this five-year window reflect a growing and diversifying institutional research capacity in responsible consumption and production, positioning SRHU to contribute meaningfully to SDG 12's targets on sustainable resource use, circular economy adoption, and waste reduction.

List of Publications

S.No	Paper Title	Authors	Journal / Book Name	Year	DOI
1	Ecological Assessment of Nano Micronutrient Composites on Growth Dynamics and Yield Performance of Late-Sown Wheat (Triticum aestivum L.)	Jain, S.; Pathak, V.K.; Deogaonkar, A.; Joshi, S.; Bhardwaj, R.	Research in Ecology	2025	10.30564/re.v7i4.9640
2	Isolation and Characterization of Plant Growth Promoting Endophytes from Linum Usitatissimum	Bhandari, G.; Choudhary, S.; Deogaonkar, A.; Mittal, A.; Gangola, S.	Research in Ecology	2025	10.30564/re.v7i2.9406
3	A SWOT analysis of religious tourism in Kedarnath, Uttarakhand, India	Dhyani, A.; Rana, V.; Dimri, G.; Dimri, R.P.; Dhyani, A.	Challenges Opportunities and Limitations of Religious Tourism in the Next Decade	2025	https://www.scopus.com/pages/publications/105013532025?origin=organizationpage
4	Rhizobium as a potential biofertilizer and its quality control analysis for sustainable agriculture	Bahuguna, V.K.; Matura, R.; Farswan, A.S.; Sharma, N.; Chaudhary, M.	Journal of Applied Biology and Biotechnology	2025	10.7324/JABB.2025.197428
5	Serving local produce in homestays for socio-economic development in Uttarakhand	Dhyani, A.; Rana, V.; Dimri, G.; Dhyani, A.; Lal, S.K.	Global Practices and Innovations in Sustainable Homestay Tourism	2025	10.4018/979-8-3373-0427-4.ch011
6	A state-of-the-Art review on edible electronics: Next-generation technologies for biocompatible and ingestible devices	Kataria, P.; Gupta, R.K.; Gupta, A.K.; Tavassoli, M.; Kaur, S.	Trends in Food Science and Technology	2025	10.1016/j.tifs.2025.104880

S.No	Paper Title	Authors	Journal / Book Name	Year	DOI
7	Harnessing nanotechnology for sustainable agriculture: From seed priming to encapsulation	Mahra, S.; Tripathi, S.; Tiwari, K.; Kumar, V.; Sharma, S.V.	Plant Nano Biology	2025	10.1016/j.plana.2024.100124
8	Advances in Contemporary Tools for Detecting and Diagnosing Plant Pathogens	Chaudhary, A.; Chaudhary, P.; Singh, S.; Bhandari, G.; Tripathi, V.	Interdisciplinary Biotechnological Advances	2025	10.1007/978-981-97-7510-1_9
9	Crop Disease Detection Using Convolutional Neural Network (CNN)	Baghe, P.S.; Singhal, M.; Rani, R.; Kanauzia, R.	Proceedings of 1st IEEE Uttar Pradesh Section Women in Engineering International Conference on Electrical, Electronics and Computer Engineering, UPWIECON 2025	2025	10.1109/UPWIECON67212.2025.11390289
10	Closer Guest Contact Through Contactless Technologies in Hotels	Dhyani, A.; Dhyani, A.; Rana, V.; Dimri, G.; Lal, S.K.	Future of Contactless Technology in Hotels and Restaurants	2025	10.4018/979-8-3373-1489-1.ch007
11	Leveraging Digital Technologies for Circular Economy: Exploring the Role of AI, IoT, and Blockchain in Overcoming Future Challenges	Harish, V.; Sharma, R.; Rana, G.; Parashar, B.	Sustainable Economy Models in the Age of Industry 5.0	2025	10.1007/978-981-96-4104-8_4
12	Understanding continuous use intention of technology among higher education teachers in emerging economy: evidence from integrated TAM, TPACK, and UTAUT model	Al-Adwan, A.S.; Meet, R.K.; Anand, S.; Alsharif, R.; Dabbaghia, M.	Studies in Higher Education	2025	10.1080/03075079.2024.2343955
13	Green chemistry revolutionizing sustainability in the food industry: A comprehensive review and call to action	Gupta, A.K.; Boruah, T.; Ghosh, P.; Vijay, K.; Rustagi, S.	Sustainable Chemistry and Pharmacy	2024	10.1016/j.scp.2024.101774
14	Himalayan fruit and circular economy: nutraceutical potential, traditional uses, challenges and opportunities	Ritika; Bora, B.; Ismail, B.B.; Kumar, H.; Gupta, A.K.	Food Production Processing and Nutrition	2024	10.1186/s43014-023-00220-6
15	Advanced technologies for realizing sustainable development goals: 5G, AI, big	Bhatt, A.; Joshi, P.; Joshi, K.P.; Bijalwan, A.	Advanced Technologies for Realizing Sustainable	2024	10.2174/9789815256680124010 1

S.No	Paper Title	Authors	Journal / Book Name	Year	DOI
	data, blockchain, and Industry 4.0 application		Development Goals 5G AI Big Data Blockchain and Industry 4.0 Application		
16	Slaughterhouse blood: A state-of-the-art review on transforming by-products into valuable nutritional resources and the role of circular economy	Gupta, A.K.; Fadzlillah, N.A.; Sukri, S.J.M.; Bhuyan, S.; Rustagi, S.	Food Bioscience	2024	10.1016/j.fbio.2024.104644
17	Integrating circular economy in smart cities: Challenges and pathways to sustainable urban development	Trivedi, A.; Trivedi, N.	Smart Cities and Circular Economy: The Future of Sustainable Urban Development	2024	10.1108/978-1-83797-957-820241006
18	Biochar production methods and their transformative potential for environmental remediation	Rajput, V.; Saini, I.; Parmar, S.; Naik, B.; Rustagi, S.	Discover Applied Sciences	2024	10.1007/s42452-024-06125-4
19	Nanoparticles as a Tool for Alleviating Plant Stress: Mechanisms, Implications, and Challenges	Kumari, A.; Gupta, A.K.; Sharma, S.; Chun, S.C.; Sivanesan, I.	Plants	2024	10.3390/plants13111528
20	Sustainable solutions for food security: Evaluating pre-treatment technologies in the growing fruits and vegetables industry of India	Joshi, A.; Gupta, A.K.; Mansi; Rustagi, S.; Preet, M.S.	Sustainable Chemistry and Pharmacy	2024	10.1016/j.scp.2024.101580
21	Green human resource management and environmental performance: mediating role of green innovation – a study from an emerging country	Rana, G.; Arya, V.	Foresight	2024	10.1108/FS-04-2021-0094
22	Impact of Financial Inclusion for Achieving Sustainable Development for Removing Poverty in all Forms: A Review Study from India	Rana, G.; Sharma, R.; Sharma, B.	Sustainable Finance	2024	10.1007/978-3-031-67523-2_20
23	Imperative Role of Artificial Intelligence and Nanotechnology in Healthcare Sector for Sustainable Development	Bijlwan, S.	Internet of Medicine for Smart Healthcare	2024	10.1002/9781394272266.ch6
24	Application of Artificial Intelligence for the Success of Supply Chain Operations in the Age of Data Analytics	Rana, G.; Sharma, R.; Parashar, B.	2024 International Conference on Smart Devices (ICSD 2024)	2024	10.1109/ICSD60021.2024.10751637

S.No	Paper Title	Authors	Journal / Book Name	Year	DOI
25	Fishers 4.0: Revolutionizing Contemporary Fisheries Management through Industry 4.0 Integration	Joshi, P.; Bhatt, A.; Aggarwal, G.	Proceedings 2024 International Conference on Healthcare Innovations Software and Engineering Technologies (HISET 2024)	2024	10.1109/HISET61796.2024.00054
26	Green Synthesis of Al2O3 Nanoparticles from Agro-Waste as a Sustainable Approach	Santhanam, A.; Dhasmana, A.; Sati, A.; Bhandari, G.; Gupta, S.	Proceedings 2024 International Conference on Healthcare Innovations Software and Engineering Technologies (HISET 2024)	2024	10.1109/HISET61796.2024.00045
27	United Nations sustainable development goals in the context of hydrological extremes	Uniyal, A.; Kaushik, N.; Uniyal, H.P.	Water Sustainability and Hydrological Extremes Quantity Quality and Security	2024	10.1016/B978-0-443-21499-8.00014-3
28	Probiotics in Aquaculture	Chandra, S.; Joshi, N.	Handbook of Aquatic Microbiology	2024	10.1201/9781003408543-7
29	Introduction	Gupta, A.K.; Vijay, K.; Naik, B.; Mishra, P.	Edible Flowers: Health Benefits, Nutrition, Processing and Applications	2024	10.1016/B978-0-443-13769-3.00001-7
30	Agricultural Innovations using IoT - A Comprehensive Review	Singh, J.N.; Mall, S.; Arthi, T.S.; Srivastava, D.; Hussein, L.	Proceedings IEEE 2024 1st International Conference on Advances in Computing Communication and Networking (ICAC2N 2024)	2024	10.1109/ICAC2N63387.2024.10895646
31	A review on hospital wastewater treatment technologies: Current management practices and future prospects	Bhandari, G.; Chaudhary, P.; Gangola, S.; Rafatullah, M.; Chen, S.	Journal of Water Process Engineering	2023	10.1016/j.jwpe.2023.104516
32	Novel food materials: Fundamentals and applications in sustainable food systems for food processing and safety	Gupta, A.K.; Nayak, P.; Das, T.; Ranjan, R.; Mishra, S.	Food Bioscience	2023	10.1201/9781003425779-12
33	Energy from Waste: Poterioochromonas malhamensis Used for Managing Dairy	Dhillon, N.; Gupta, S.; Kumar,	Journal of Pure and Applied Microbiology	2023	10.22207/JPAM.17.2.48

S.No	Paper Title	Authors	Journal / Book Name	Year	DOI
	Effluent and Producing Valuable Microalgal Lipid	V.R.; Bhandari, G.; Arya, S.			
34	Valorization of tender coconut mesocarp for the formulation of ready-to-eat dairy-based dessert (Kheer): Utilization of industrial by-product	Naik, B.; Vijay, K.; Gupta, A.K.	Journal of Agriculture and Food Research	2023	10.1016/j.jafr.2023.100572
35	A Perspective Review on Green Nanotechnology in Agro-Ecosystems: Opportunities for Sustainable Agricultural Practices & Environmental Remediation	Bhandari, G.; Dhasmana, A.; Chaudhary, P.; Malik, S.M.; Sláma, P.	Agriculture Switzerland	2023	10.3390/agriculture13030668
36	Impact of Nanoparticles on Abiotic Stress Tolerance	Bhandari, G.; Chaudhary, S.; Gupta, S.; Gangola, S.	Advances in Nanotechnology for Smart Agriculture Techniques and Applications	2023	10.1201/9781003345565-12
37	Bioleaching: A Sustainable Resource Recovery Strategy for Urban Mining of E-waste	Bhandari, G.; Gupta, S.; Chaudhary, P.; Chaudhary, S.; Gangola, S.	Microbial Technology for Sustainable E Waste Management	2023	10.1007/978-3-031-25678-3_10
38	Microbial Biosurfactants and Their Implication Toward Wastewater Management	Rawat, G.; Choudhary, R.; Kumar, V.R.	Handbook of Environmental Chemistry	2023	10.1007/698_2022_877
39	Artificial Intelligence in Sustainable Education: Benefits, Applications, Framework, and Potential Barriers	Harish, V.; Sharma, R.; Rana, G.; Nayyar, A.	Role of Sustainability and Artificial Intelligence in Education Improvement	2023	10.1201/9781003425779-12
40	Analytical and post analytical phase of an ISO 15189:2012 Certified cytopathology laboratory-a five year institutional experience	Chandra, S.; Kusum, A.; Gaur, D.S.; Chandra, H.	Journal of Cytology	2022	10.4103/JOC.JOC_90_20
41	Snowmelt Runoff Estimation in Bhagirathi Basin using WinSRM Approach	Thapliyal, A.; Rawat, M.; Sanjeev Kimothi	Applied Computing and Geosciences	2021	10.1016/j.acags.2020.100046
42	Approach Towards Sustainable Crop Production by Utilizing Potential Microbiome	Rani, U.; Kumar, M.K.M.; Kumar, V.	Microorganisms for Sustainability	2021	10.1007/978-981-15-9912-5_9
43	Rhizobiont in Bioremediation of Hazardous Waste	Kumar, V.R.; Prasad, R.; Kumar, M.K.M.	Rhizobiont in Bioremediation of Hazardous Waste	2021	10.1007/978-981-16-0602-1

Curricular Integration and Academic Mapping for SDG 12 Alleviation

Program Name	Course Name	Course Code
MD Physiology	Recent advances in the subject (including applied Physiology)	1101515
MD Biochemistry	Molecular biology, Molecular and genetic aspects of cancer, Immunology, and Environmental Biochemistry.	1101508
MD Pathology	Hematology, transfusion medicine and laboratory medicine including instrumentation and quality control	1101513
MD ImmunoHematology & Blood Transfusion	Applied aspects of Basic Sciences in relation to transfusion Medicine	1101522
MD ImmunoHematology & Blood Transfusion	Blood centre organization and management, blood components, Hematology, clinical transfusion Practices	1101522
M.Sc. Epidemiology	Environmental and Occupational Epidemiology	CMEC001
M.Sc. Medical Anatomy	Histological Techniques	MMAN1204
M.Sc. Medical Anatomy	Body Preservation & Body Donation	MMAN2105
M.Sc. Medical Microbiology	Applied Microbiology - I	MMMI2401
M.Sc. Medical Microbiology	Practicals – Applied Microbiology I, II and Sample Collection Techniques	MMMI2405
Bachelor of Physiotherapy (BPT)	Biochemistry	BPT 103
Bachelor of Physiotherapy (BPT)	Introduction to quality and patient safety(including emergency care,BLS and biomedical waste)	BPT 306
Bachelor of Physiotherapy (BPT)	Environmental science -1	EVS 301
Bachelor of Physiotherapy (BPT)	Environmental science -II	*EVS 301
Bachelor of Physiotherapy (BPT)	Diagnostic imaging for physiotherapists	BPT 505
Bachelor of Physiotherapy (BPT)	Physiotherapy in general surgery and Medicine	BPT 603
BMLT	General Bacteriology	BMLT 102
BMLT	Biophysic, Enzymology & Clinical Biochemistry	BMLT 201
BMLT	Metabolisms and Vitamins	BMLT 301
BMLT	Systemic Bacteriology	BMLT 302
BMLT	Environmental Science - I	EVS 301
BMLT	Instrumentation in Biochemical analysis	BMLT 401
BMLT	Virology and mycology	BMLT 402
BMLT	Environmental Science - II	EVS302
BMLT	Quality Assurance in Clinical Biochemistry and Molecular Biology	BMLT 601
BMLT	Applied Microbiology and Advance techniques	BMLT 602
BMLT	Histology & Cytopathology - Advanced	BMLT 603
B.Sc. Medical Technology (Radiotherapy-BRT)	Radiation Physics-I	BRT103

Program Name	Course Name	Course Code
B.Sc. Medical Technology (Radiotherapy-BRT)	Radiation Equipment and Radiobiology- I	BRT104
B.Sc. Medical Technology (Radiotherapy-BRT)	Radiation Physics- II	BRT203
B.Sc. Medical Technology (Radiotherapy-BRT)	Radiation Equipment and Radiobiology-II	BRT204
B.Sc. Medical Technology (Radiotherapy-BRT)	Introduction to Yoga- Basic theory, science and techniques*	YST 201
B.Sc. Medical Technology (Radiotherapy-BRT)	External Beam Radiotherapy techniques-I	BRT304
B.Sc. Medical Technology (Radiotherapy-BRT)	Environmental Science- I*	EVS 301
B.Sc. Medical Technology (Radiotherapy-BRT)	External Beam Radiotherapy techniques-II	BRT404
B.Sc. Medical Technology (Radiotherapy-BRT)	Environmental Science - II	EVS 301
B.Sc. Medical Technology (Radiotherapy-BRT)	Brachytherapy & Nuclear medicine -I	BRT501
B.Sc. Medical Technology (Radiotherapy-BRT)	Radiation safety & Quality assurance-I	BRT503
B.Sc. Medical Technology (Radiotherapy-BRT)	Brachytherapy & Nuclear medicine -II	BRT601
B.Sc. Medical Technology (Radiotherapy-BRT)	Radiation safety & Quality assurance-II	BRT603
Bachelor of Occupational Therapy (BOT)	Introduction to operation theatre (OT)	BOT 301
Bachelor of Occupational Therapy (BOT)	Introduction to basic surgical instruments	BOT302
Bachelor of Occupational Therapy (BOT)	Introduction to Anaesthesia technology	BOT303
Bachelor of Occupational Therapy (BOT)	Environmental Sciences-I	BOT301
Bachelor of Occupational Therapy (BOT)	Introduction of basic surgical equipment (OT)	BOT401
Bachelor of Occupational Therapy (BOT)	Medical diseases influencing choice of Anaesthesia	BOT403
Bachelor of Occupational Therapy (BOT)	Environmental science II	EVS301
Bachelor of Occupational Therapy (BOT)	CSSD procedures and Sterilization techniques	BOT502
Master of Physiotherapy (MPT)	Professional practice in Physiotherapy	MPT101
Master of Physiotherapy (MPT)	Exercise Physiology & Nutrition	MPT201

Program Name	Course Name	Course Code
Master of Physiotherapy (MPT)	Biomechanics & Clinical kinesiology	MPT202
Master of Physiotherapy (MPT)	Physiotherapy Diagnosis & Clinical Decision Making	MPT203
Master of Physiotherapy (MPT)	Advanced Physiotherapeutic	MPT204
Master of Physiotherapy (MPT)	Physiotherapeutics II	MPT205
Master of Physiotherapy (MPT)	Research Dissertation II	MRD201
Master of Physiotherapy (MPT)	Musculoskeletal Disorders: Recent Advances II	MPT1 403
Master of Hospital Administration	Hospital Planning and Operations	MHA122
Master of Hospital Administration	Inventory and equipment management in Hospitals	MHA129
Master of Hospital Administration	Legal Implications in Hospital Administration	MHA217
B.Sc. Nursing	Applied Sociology	Not specified in source
B.Sc. Nursing	Community Health Nursing I including Environmental Science & Epidemiology - Theory	N- COMH (I) 310
B.Sc. Nursing	Community Health Nursing I including Environmental Science & Epidemiology – Practical	N- COMH (I) 310
Post Basic BSc Nursing	Sociology	PBN206
Post Basic BSc Nursing	Environmental Science	PBN207
M.Sc. Nursing	Community Health Nursing - I	MSN102 B
M.Sc. Nursing	Community Health Nursing - I Practical	MSN102 B
M.Sc. Nursing	Community Health Nursing – II	MSN-201 B
M.Sc. Nursing	Community Health Nursing – II	MSN201 B
B.Sc. Biotechnology	Biochemistry and Metabolism	BBTC 111
B.Sc. Biotechnology	Cell Biology	BBTC 112
B.Sc. Biotechnology	General Microbiology	BMBC 111
B.Sc. Biotechnology	Basic Bioinformatics-1	BBTOE 111
B.Sc. Biotechnology	Principle of Management	BBTOE 112
B.Sc. Biotechnology	Environmental Science-I	AECC 111
B.Sc. Biotechnology	Lab course based on course BBTC 111	BBTPC 111
B.Sc. Biotechnology	Lab course based on course BBTC 112	BBTPC 112
B.Sc. Biotechnology	Lab course based on course BMBC 111	BBTPC 113
B.Sc. Biotechnology	Human Physiology	BBTC 121
B.Sc. Biotechnology	Plant Physiology	BBTC 122
B.Sc. Biotechnology	Microbial physiology & metabolism	BMBC 121
B.Sc. Biotechnology	Basic Bioinformatics-II	BBTOE 121
B.Sc. Biotechnology	Entrepreneurship Development	BBTOE 122
B.Sc. Biotechnology	Biofertilizers	BBTSE 121

Program Name	Course Name	Course Code
B.Sc. Biotechnology	Lab course based on course BBTC 121	BBTPC 121
B.Sc. Biotechnology	Lab course based on course BBTC 122	BBTPC 122
B.Sc. Biotechnology	Lab course based on course BMBC 121	BBTPC 123
B.Sc. Biotechnology	Developmental Biology	BBTC 232
B.Sc. Biotechnology	Chemistry-I	BBTC 233
B.Sc. Biotechnology	Principles of Marketing	BBTOE 232
B.Sc. Biotechnology	Microbial Quality Control in Food and Pharmaceutical Industries	BBTSE 231
B.Sc. Biotechnology	Environmental Sciences-II	AECC 231
B.Sc. Biotechnology	Lab course based on course BBTC 231	BBTPC 231
B.Sc. Biotechnology	Lab course based on course BBTC 232	BBPTC 232
B.Sc. Biotechnology	Lab course based on course BBTC 233	BBP TC 232
B.Sc. Biotechnology	Genetics	BBTC 111
B.Sc. Biotechnology	Beverage biotechnology	BBTOE 241
B.Sc. Biotechnology	Biotechnology and Human Welfare	BBTOE 242
B.Sc. Biotechnology	Lab course based on course BBTC 241	BBTPC 241
B.Sc. Biotechnology	Animal Biotechnology & Developmental Biology	BBTC 501
B.Sc. Biotechnology	Food Fermentation Techniques	BMBC 502
B.Sc. Biotechnology	Environmental Biotechnology	BBTC 503
B.Sc. Biotechnology	Bioprocess Engineering	BBTE 501 B
B.Sc. Biotechnology	Food Biotechnology	BBTE 501 C
B.Sc. Biotechnology	Practical- IX (Paper XXIX & XXX)	BBTP 501
B.Sc. Biotechnology	Practical- X (Paper XXXI & XXXII)	BBTP 502
B.Sc. Biotechnology	BDownstream Processing	Not specified in source
B.Sc. Biotechnology	Industrial Waste C Management	Not specified in source
B.Sc. Biotechnology	Research Project/Dissertation	Not specified in source
B.Sc. Microbiology	Biochemistry and Metabolism	BBTC 111
B.Sc. Microbiology	Cell Biology	BBTC 112
B.Sc. Microbiology	General Microbiology	BMBC 111
B.Sc. Microbiology	Basic Bioinformatics-1	BBTOE 111
B.Sc. Microbiology	Principle of Management	BBTOE 112
B.Sc. Microbiology	Environmental Science-I	AECC 111
B.Sc. Microbiology	Lab course based on course BBTC 111	BBTPC 111
B.Sc. Microbiology	Lab course based on course BBTC 112	BBTPC 112
B.Sc. Microbiology	Lab course based on course BMBC 111	BBTPC 113
B.Sc. Microbiology	Microbial physiology & metabolism	BMBC 121
B.Sc. Microbiology	Industrial Microbiology	BMBC 122
B.Sc. Microbiology	Plant Physiology	BBTC 122
B.Sc. Microbiology	Human Physiology	BBTC 121
B.Sc. Microbiology	Entrepreneurship Development	BBTOE 122
B.Sc. Microbiology	Biofertilizers	BBTSE 121
B.Sc. Microbiology	Lab course based on course BBTC 121	BBTPC 121

Program Name	Course Name	Course Code
B.Sc. Microbiology	Food &Diary Microbiology	BMBC 231
B.Sc. Microbiology	Principles of Marketing	BBTOE 232
B.Sc. Microbiology	Microbial Quality Control in Food and Pharmaceutical Industries	BBTSE 231
B.Sc. Microbiology	Environmental Sciences-II	AECC 231
B.Sc. Microbiology	Lab course based on course BBTC 231	BMPC 231
B.Sc. Microbiology	Lab course based on course BMBC 231	BMPC 232
B.Sc. Microbiology	Lab course based on course BBTC 233	BMPC 233
B.Sc. Microbiology	Virology and Infection	BMBC 241
B.Sc. Microbiology	Biotechnology and Human Welfare	BBTOE 242
B.Sc. Microbiology	Food Fermentation Technique	Not specified in source
B.Sc. Microbiology	Industrial Microbiology	Not specified in source
B.Sc. Microbiology	Environmental Microbiology	Not specified in source
B.Sc. Microbiology	Food & Dairy Microbiology	Not specified in source
B.Sc. Microbiology	Microbiological Analysis of A	Not specified in source
B.Sc. Microbiology	Practical- IX (Paper 1 & 2)	Not specified in source
B.Sc. Microbiology	Practical- X (Paper 3 & 4)	Not specified in source
B.Sc. Microbiology	Biostatistics, Bioethics, Biosafety, IPR and Computers	Not specified in source
B.Sc. Microbiology	Management of Human Microbial Diseases	Not specified in source
B.Sc. Microbiology	Research Project/Dissertation	Not specified in source
175. M.Sc Biotechnology, Sem-II	Enzymology and Protein Engineering	MBCT 202
175. M.Sc Biotechnology, Sem-II	Enzymology and Protein Engineering Practical	MBCP 202
175. M.Sc Biotechnology, Sem-II	Recombinant DNA Technology Practical	MBTP 202
176. M.Sc Biotechnology, Sem-III	Food and Industrial Biotechnology	MBTT 303
176. M.Sc Biotechnology, Sem-III	Transcriptomics, Proteomics & Metabolomics	MBTE 301
176. M.Sc Biotechnology, Sem-III	Transgenic Animal Technology	MBTE 304
176. M.Sc Biotechnology, Sem-III	Agrobiotechnology	MBTE 305

Program Name	Course Name	Course Code
176. M.Sc Biotechnology, Sem-III	Metabolic Engineering	MBTE 306
176. M.Sc Biotechnology, Sem-III	Microbial Technology	MBTE 307
176. M.Sc Biotechnology, Sem-III	Nanobiotechnology	MBTE 308
176. M.Sc Biotechnology, Sem-III	Energy & Environment	MBTE 310
176. M.Sc Biotechnology, Sem-III	Synthetic Biology	MBTE 311
176. M.Sc Biotechnology, Sem-III	Pharmaceutical Biotechnology Practical	MBTT 301
176. M.Sc Biotechnology, Sem-III	Plant & Animal Biotechnology Practical	MBTP 302
176. M.Sc Biotechnology, Sem-III	Food and Industrial Biotechnology Practical	MBTP 303
176. M.Sc Biotechnology, Sem-III	Elective I Practical	MBTEP***
177. M.Sc Biotechnology, Sem-IV	Research Project/Dissertation	MBTR 401
M.Sc. Microbiology	Recombinant DNA Technology Practical	MBTP 202
M.Sc. Microbiology	Pharmaceutical Microbiology	MMBT 301
M.Sc. Microbiology	Industrial Microbiology	MMBT 302
M.Sc. Microbiology	Food & Dairy Microbiology	MMBT 303
M.Sc. Microbiology	Microbial Technology	MMBE 301
M.Sc. Microbiology	Industrial Waste Management	MMBE 302
M.Sc. Microbiology	Genomics, Proteomics & Metabolomics	MMBE 303
M.Sc. Microbiology	Soil and Agricultural Microbiology	MMBE 304
M.Sc. Microbiology	Nano Biotechnology	MMBE 309
M.Sc. Microbiology	Bioprocess Technology	MMBE 310
M.Sc. Microbiology	Pharmaceutical Microbiology Practical	MMBP 301
M.Sc. Microbiology	Industrial Microbiology Practical	MMBP 302
M.Sc. Microbiology	Food & Dairy Microbiology Practical	MMBP 303
M.Sc. Microbiology	Elective-I Practical	MMBEP*
M.Sc. Microbiology	Elective-II Practical	MMBEP**
M.Sc. Microbiology	Research Project/Dissertation	MMBR 401
B.Tech (Hons.) CSE with AI & ML	Environmental Studies	HST112

Program Name	Course Name	Course Code
B.Tech (Hons.) CSE with DS & ML	Environmental Studies	HST112
B.Tech CSE – Cyber Security	Environmental Studies	HST112
Bachelor of Computer Applications (BCA)	Environmental Studies	BCT125
B.Sc. Data Science	Environmental Studies	MD121T
BBA	Financial Accounting	BBA 103
BBA	Management Concepts	BBA 104
BBA	Micro Economics	BBA 105
BBA	Soft Skills-I	BBA 106
BBA	Business Environment Analysis	BBA 201
BBA	Macro Economics	BBA 205
BBA	Human Resource Management	BBA 206
BBA	E-Commerce	BBA 303
BBA	Spreadsheet and Modeling Lab	BBA 306
BBA	Sales Management	BBA 504
BBA	Human Values & Ethics	BBA 601
BBA	Exports, Procedures & Documentation	BBA 602
BBA	Undergraduate Research Project	BBA 604
B.Com	Mercantile Law	BCM 201
B.Com	Advanced Accounting – I	BCM 202
B.Com	Business Mathematics	BCM 203
B.Com	Financial Management	BCM 204
B.Com	Macro Economics	BCM 205
B.Com	Soft Skills – I	BCM 206
B.Com	Accounting Standards	BCM 401
B.Com	Human Resource Management	BCM 405
B.Com	Company Law	BCM 501
B.Com	Summer Internship Project*	BCM 505
B.Com	Elective 1	BCM 6**
MBA	Financial Accounting & Reporting	MBA 103
MBA	Economics For Business Decisions	MBA 104

Program Name	Course Name	Course Code
MBA	Marketing Management	MBA 106
MBA	International Business	MBA 208
B.Pharm	Human Anatomy and Physiology I	BP101T
B.Pharm	Pharmaceutical Analysis I	BP102T
B.Pharm	Pharmaceutics I	BP103T
B.Pharm	Pharmaceutical Inorganic Chemistry	BP104T
B.Pharm	Human Anatomy and Physiology I – Practical	BP107P
B.Pharm	Pharmaceutical Analysis I – Practical	BP108P
B.Pharm	Pharmaceutics I – Practical	BP109P
B.Pharm	Pharmaceutical Inorganic Chemistry – Practical	BP110P
B.Pharm	Pharmaceutical Organic Chemistry II	BP301T
B.Pharm	Physical Pharmaceutics I	BP302T
B.Pharm	Pharmaceutical Microbiology	BP303T
B.Pharm	Pharmaceutical Engineering	BP304T
B.Pharm	Pharmaceutical Organic Chemistry II – Practical	BP305P
B.Pharm	Physical Pharmaceutics I – Practical	BP306P
B.Pharm	Pharmaceutical Microbiology – Practical	BP307P
B.Pharm	Pharmaceutical Engineering – Practical	BP308P
B.Pharm	Pharmaceutical Organic Chemistry III	BP401T
B.Pharm	Medicinal Chemistry I	BP402T
B.Pharm	Physical Pharmaceutics II	BP403T
B.Pharm	Pharmacology I	BP404T
B.Pharm	Pharmacognosy and Phytochemistry I	BP405T
B.Pharm	Medicinal Chemistry I – Practical	BP406P
B.Pharm	Physical Pharmaceutics II – Practical	BP407P
B.Pharm	Pharmacology I – Practical	BP407P
B.Pharm	Pharmacognosy and Phytochemistry I – Practical	BP409P

12.2 Operational measures

At Swami Rama Himalayan University (SRHU), the institution has established a suite of operational measures to support sustainable consumption and production (indicator 12.2). These include a formal ethical sourcing policy covering food, supplies and equipment, a hazardous-waste disposal and monitoring policy, a waste measurement policy with targets to increase recycling and minimise landfill diversion, and specific policies to minimise single-use plastics and reduce disposable items across campus. Moreover, SRHU has extended these policies to outsourced service providers (e.g., catering, cleaning) and to its supply chain (stationery, building materials). Evidence for each policy is documented and publicly accessible through the University's sustainability web portal, and each policy was reviewed or updated in the past years.

12.2.1 Ethical sourcing policy

The University is committed to adopting ethical, responsible, sustainable, and transparent procurement practices for the purchase of all goods and services required for the smooth functioning of the University. The University integrates environmental, social, and ethical considerations into its purchasing and contracting activities, wherever feasible.

The University has a well-defined Ethical Sourcing Policy for food and supplies, in place since 2022 and reviewed in 2025-26. The policy, as evidence, is publicly available on the SRHU website for verification.

Particulars	Status	Details
Existence of policy	Yes	Policy for Ethical sourcing of Food and Supplies since 2022
Evidence provided	Yes	Screenshot of policy
Is the evidence provided public	Yes	srhu.edu.in/policies-guidelines/policy-for-ethical-sourcing-of-food-and-supplies/
Is policy created or reviewed in period 2022-2026	Yes	Policy created in 2022

EVIDENCE:

Screenshot of policy for Ethical sourcing of Food and Supplies



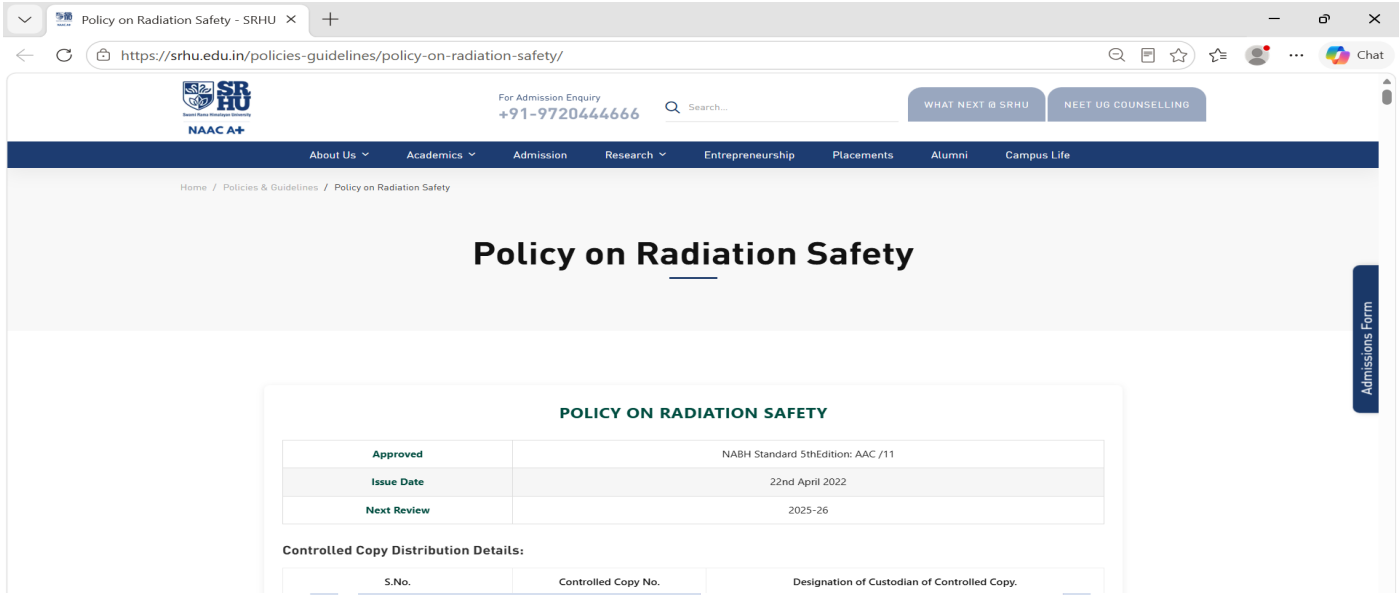
12.2.3 Policy waste disposal- Hazardous materials

Swami Rama Himalayan University (SRHU) has an institutional Policy for Bio-Medical Waste Management covering the safe segregation, collection, storage, transportation, treatment and disposal of hazardous and biomedical waste since 2019. The policy provides for source-level segregation using colour-coded containers, safe handling of sharps, infectious waste, chemical waste, expired medicines, laboratory waste and other hazardous materials, and appropriate treatment/disposal through approved methods and authorised agencies. It also mandates proper labelling, covered transportation, protective measures for waste handlers, periodic training, record maintenance, monitoring and regulatory compliance to minimise risks to human health and the environment. The policy was reviewed in 2022 and is publicly available on the SRHU website.

Particulars	Status	Details
Existence of policy	**Yes**	• Policy on Radiation Safety since 2022 • Policy for Bio-Medical Waste Management since 2019
Evidence provided	**Yes**	**Screenshots of** • Policy on Radiation Safety • Policy for Bio-Medical Waste Management • Official confirmation from Nucletron Operations regarding the authorized export, import, return, and disposal of Nucletron radioactive sources • Agreement signed between SRHU and Bharat Oil & Waste Management Ltd. • Biomedical and hazardous waste management at SRHU
Is the evidence provided public	**Yes**	• srhu.edu.in/policies-guidelines/Policy for Bio-medical Waste Management • https://srhu.edu.in/policies-guidelines/policy-on-radiation-safety/
Is policy created or reviewed in period 2022-2026	**Yes**	• Policy on Radiation Safety created in 2022 • Policy for Bio-Medical Waste Management reviewed in 2022

Evidences

Evidence-1:
Policy on Radiation Safety



Evidence 2:

Screenshot of waste disposal- Hazardous materials policy



POLICY FOR BIO-MEDICAL WASTE MANAGEMENT

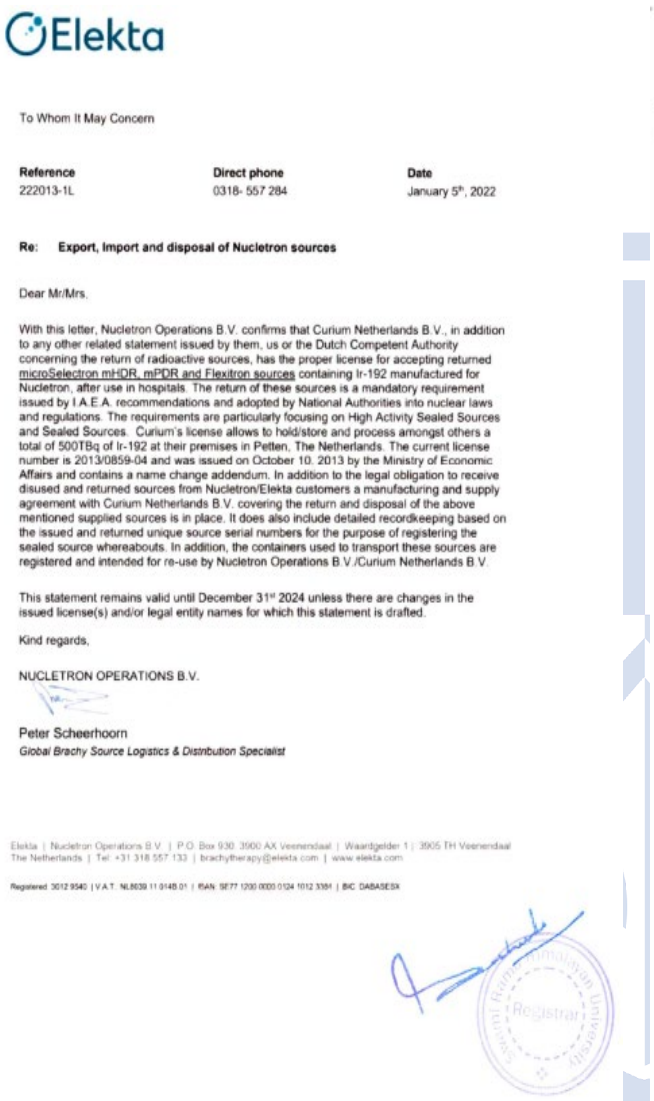
Approved	Board of Management on 12th January 2019
Notification	Notified by Registrar vide notification No. SRHU/Reg/OO/2019-04 (i) dated 15th January 2019
Reviewed / Revised	Board of Management on 29th March 2022
Notification	Notified by Registrar vide notification No. SRHU/Reg/OO/2022-58 (i) dated 5th April 2022
Next Review	2025-26

1. **Short Title & Commencement**

1.1 This Policy shall be called "Policy for Bio-Medical Waste Management" of Swami Rama Himalayan University.

Evidence 3:

Official confirmation from Nucletron Operations regarding the authorized export, import, return, and disposal of Nucletron radioactive sources



Elekta

To Whom It May Concern

Reference	Direct phone	Date
222013-1L	0318- 557 284	January 5th, 2022

Re: Export, Import and disposal of Nucletron sources

Dear Mr/Mrs.

With this letter, Nucletron Operations B.V. confirms that Curium Netherlands B.V., in addition to any other related statement issued by them, us or the Dutch Competent Authority concerning the return of radioactive sources, has the proper license for accepting returned microSelectron mHDR, mPDR and Flexitron sources containing Ir-192 manufactured for Nucletron, after use in hospitals. The return of these sources is a mandatory requirement issued by I.A.E.A. recommendations and adopted by National Authorities into nuclear laws and regulations. The requirements are particularly focusing on High Activity Sealed Sources and Sealed Sources. Curium's license allows to hold/store and process amongst others a total of 500TBq of Ir-192 at their premises in Petten, The Netherlands. The current license number is 2013/0859-04 and was issued on October 10, 2013 by the Ministry of Economic Affairs and contains a name change addendum. In addition to the legal obligation to receive disused and returned sources from Nucletron/Elekta customers a manufacturing and supply agreement with Curium Netherlands B.V. covering the return and disposal of the above mentioned supplied sources is in place. It does also include detailed recordkeeping based on the issued and returned unique source serial numbers for the purpose of registering the sealed source whereabouts. In addition, the containers used to transport these sources are registered and intended for re-use by Nucletron Operations B.V./Curium Netherlands B.V.

This statement remains valid until December 31st 2024 unless there are changes in the issued license(s) and/or legal entity names for which this statement is drafted.

Kind regards,

NUCLETRON OPERATIONS B.V.

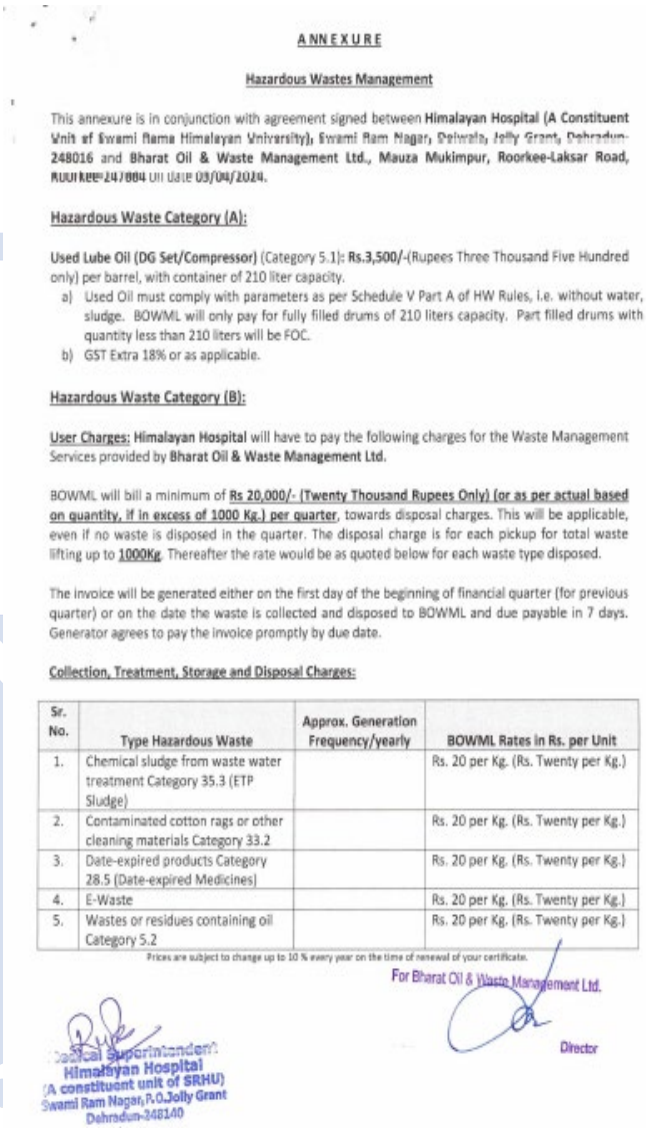
Peter Scheerhoorn
Global Brachy Source Logistics & Distribution Specialist

Elekta | Nucletron Operations B.V. | P.O. Box 930, 3900 AX Veenendaal | Waardgelder 1 | 3905 TH Veenendaal The Netherlands | Tel: +31 318 557 133 | brachytherapy@elekta.com | www.elekta.com

Registered: 3012 9540 | V.A.T.: NL8039.11.914B.01 | IBAN: SE77 1200 0000 0124 1012 3361 | BIC: DABASESX

Evidence 4:

Snapshot of the agreement signed between SRHU and Bharat Oil & Waste Management Ltd.



ANNEXURE

Hazardous Wastes Management

This annexure is in conjunction with agreement signed between **Himalayan Hospital (A Constituent Unit of Swami Rama Himalayan University), Swami Ram Nagar, Dalwala, Jolly Grant, Dehradun-248016** and **Bharat Oil & Waste Management Ltd., Mauza Mukimpur, Roorkee-Laksar Road, Roorkee-247 667** on date **03/04/2024.**

Hazardous Waste Category (A):

Used Lube Oil (DG Set/Compressor) (Category 5.1): **Rs.3,500/-**(Rupees Three Thousand Five Hundred only) per barrel, with container of 210 liter capacity.

a) Used Oil must comply with parameters as per Schedule V Part A of HW Rules, i.e. without water, sludge. BOWML will only pay for fully filled drums of 210 liters capacity. Part filled drums with quantity less than 210 liters will be FOC.
b) GST Extra 18% or as applicable.

Hazardous Waste Category (B):

User Charges: Himalayan Hospital will have to pay the following charges for the Waste Management Services provided by **Bharat Oil & Waste Management Ltd.**

BOWML will bill a minimum of **Rs 20,000/- (Twenty Thousand Rupees Only) (or as per actual based on quantity, if in excess of 1000 Kg.) per quarter**, towards disposal charges. This will be applicable, even if no waste is disposed in the quarter. The disposal charge is for each pickup for total waste lifting up to **1000Kg**. Thereafter the rate would be as quoted below for each waste type disposed.

The invoice will be generated either on the first day of the beginning of financial quarter (for previous quarter) or on the date the waste is collected and disposed to BOWML and due payable in 7 days. Generator agrees to pay the invoice promptly by due date.

Collection, Treatment, Storage and Disposal Charges:

Sr. No.	Type Hazardous Waste	Approx. Generation Frequency/yearly	BOWML Rates in Rs. per Unit
1.	Chemical sludge from waste water treatment Category 35.3 (ETP Sludge)		Rs. 20 per Kg. (Rs. Twenty per Kg.)
2.	Contaminated cotton rags or other cleaning materials Category 33.2		Rs. 20 per Kg. (Rs. Twenty per Kg.)
3.	Date-expired products Category 28.5 (Date-expired Medicines)		Rs. 20 per Kg. (Rs. Twenty per Kg.)
4.	E-Waste		Rs. 20 per Kg. (Rs. Twenty per Kg.)
5.	Wastes or residues containing oil Category 5.2		Rs. 20 per Kg. (Rs. Twenty per Kg.)

Prices are subject to change up to 10 % every year on the time of renewal of your certificate.

For Bharat Oil & Waste Management Ltd.

Director

Medical Superintendent
Himalayan Hospital
(A constituent unit of SRHU)
Swami Ram Nagar, P.O.Jolly Grant
Dehradun-248140

Evidence 5:
Biomedical and hazardous waste management at SRHU



Color-coded waste segregation bins that enable efficient disposal of waste



Biomedical waste (BMW) at SRHU is managed in strict compliance with regulatory guidelines to ensure safety and environmental responsibility. Segregation begins at the source in every hospital ward, where specific color-coded bins and non-chlorinated bags are placed at designated disposal corners. Plastic disposable waste is collected in red bags, incinerable waste such as contaminated dressings or body-fluid–soaked materials is placed in yellow bags, and sharps, including needles, are immediately discarded into white translucent, puncture-proof containers to prevent injury and contamination. The housekeeping staff collects segregated waste from wards and laboratories and transports it to the central waste collection point. Laboratory waste, such as used vacutainers, is autoclaved on-site before being placed in red bags and handed over for further disposal. All biomedical waste generated across the hospital is ultimately managed through a Common Bio-medical Waste Treatment Facility (CBWTF). From the central collection site, the waste is collected by the Medical Pollution Control Committee (MPCC), authorized by the Uttarakhand Pollution Control Board, for safe handling, transportation, and final treatment.

12.2.4 Policy waste disposal- landfill policy

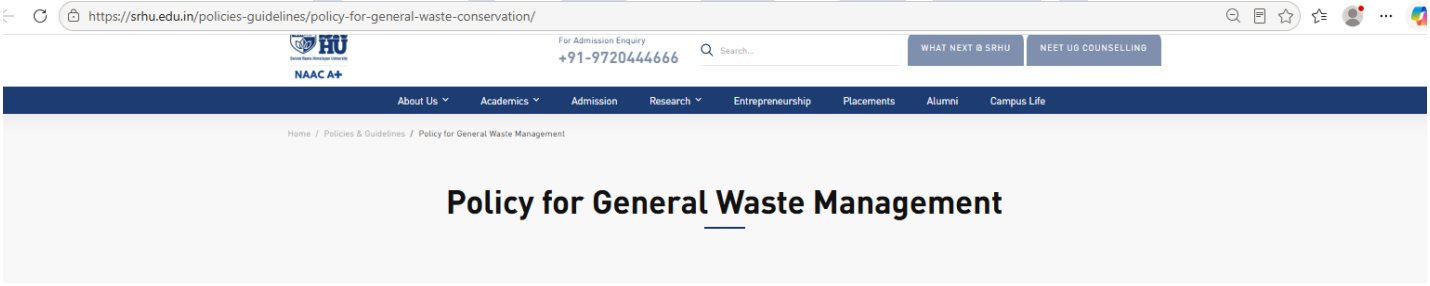
The University effectively manages solid waste by segregating biodegradable and non-biodegradable materials at the source, using green and black bins placed throughout the campus. Housekeeping staff collect the waste daily in color-coded bags and transport it to a central collection site. Biodegradable waste is composted on-site to create manure, while a biogas plant generates biogas from cow dung and organic kitchen waste. During 2024-25, waste sent to landfill was 25 metric tons.

The University has a well-defined landfill waste disposal policy in place since 2019, covering the measurement, segregation, recycling, and responsible disposal of waste sent to landfill. The policy and supporting evidence are documented, available on the SRHU website, and reviewed in 2022.

Particulars	Status	Details
Existence of policy	**Yes**	Policy for General Waste Management since 2019 (with embedded waste disposal landfill strategy)
Evidence provided	**Yes**	Screenshot of Policy for General Waste Management provided
Is the evidence provided public	**Yes**	srhu.edu.in/policies-guidelines/policy-for-general-waste-conservation
Is policy created or reviewed in period 2022-2026	**Yes**	Policy for General Waste Management reviewed in 2022

EVIDENCE-1:

Screenshot of Policy for General Waste Management



POLICY FOR GENERAL WASTE MANAGEMENT

Approved	Board of Management on 12th January 2019
Notification	Notified by Registrar vide notification No. SRHU/Reg/OO/2019-04 (i) dated 15th January 2019
Reviewed / Revised	Board of Management on 29th March 2022
Notification	Notified by Registrar vide notification No. SRHU/Reg/OO/2022-58 (i) dated 5th April 2022
Next Review	2025-26

1. **Short Title & Commencement**

1.1 This Policy shall be called "Policy for General Waste Management" of Swami Rama Himalayan University.

1.2 This Policy shall be deemed to have come into force from the date of approval of the Board of Management of the University.

2. **Purpose**

This policy establishes the scope and boundaries of its application within the organization.

3. **Scope**

The implementation of policies and efforts pertaining to general waste management operations is expected to foster a favorable disposition towards the environment and provide obstacles in safeguarding our finite resources. The University will implement "Waste Hierarchical Approach" to sustainably manage waste, minimize landfill disposal, and optimize opportunities for waste reduction, reuse, recycling, and recovery.

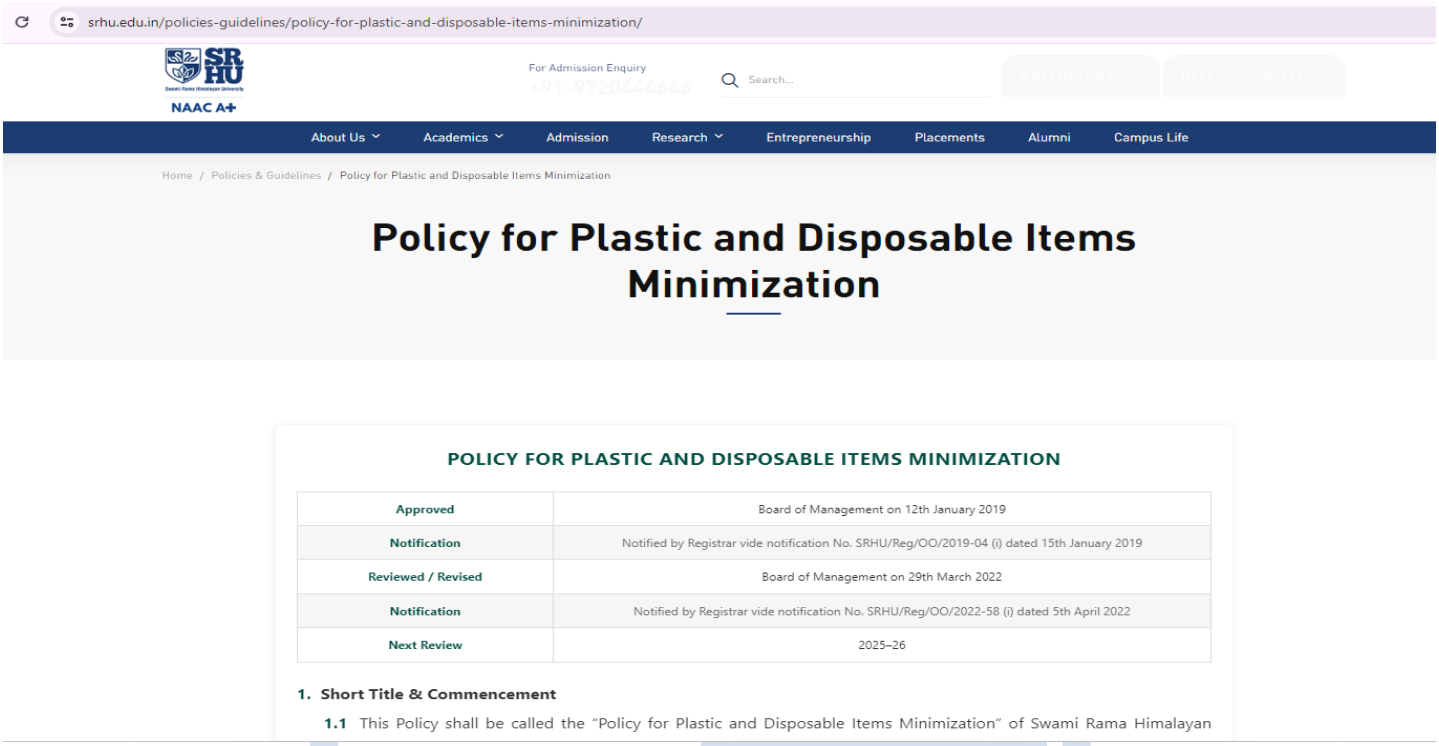
12.2.5 Policy for Minimization of Plastic Use

The University has a well-defined policy for minimisation of plastic use, in place since 2019, promoting reduction, reuse, and responsible alternatives to single-use plastics. The policy and supporting evidence are documented, publicly available on the SRHU website, and reviewed in March 2022.

Particulars	Status	Details
Existence of policy	**Yes**	Policy for Plastic and Disposable Items Minimization since 2019
Evidence provided	Yes	• Screenshot of Policy for Plastic and Disposable Items Minimization • Certificate from Social Development for Communities Foundation Society for receiving plastic waste from SRHU for recycling process • Establishment of Plastic Bank for collection and proper disposal of plastic waste • Certificate of recognition for establishment of Plastic Bank at SRHU • MoU between SRHU and SDC for sustainability and plastic waste management • Signages for the plastic-free campus in the University
Is the evidence provided public	**Yes**	• srhu.edu.in/policies-guidelines/policy-for-plastic-and-disposable-items-minimization • Certificate, MoU, and images of Signages are available on the university website
Is policy created or reviewed in period 2022-2026	**Yes**	Policy for Plastic and Disposable Items Minimization reviewed in 2022

EVIDENCE- 1:

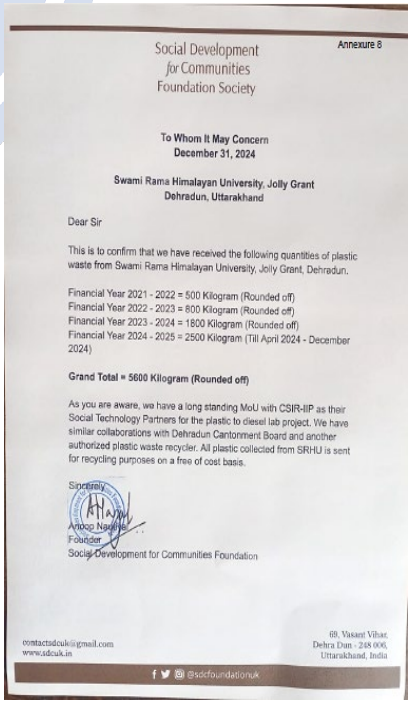
Screenshot of Policy for Plastic and Disposable Items Minimization



EVIDENCE-2:

Certificate from Social Development for Communities Foundation Society for receiving plastic waste from SRHU for the recycling process

The SRHU has undertaken a strong Plastic-Free Campus Initiative. The use of single-use plastics has been restricted, and "Plastic-Free Campus" signage has been installed to raise awareness among students, faculty, and visitors. In addition to behavioral change, innovative projects like the Plastic Waste Bank and plastic-to-diesel recycling initiative demonstrate the University's commitment to responsible plastic disposal and environmental sustainability. From 2021 to 2025, Swami Rama Himalayan University recycled a total of 5,600 kg of plastic in collaboration with CSIR-IIP, its Social Technology Partner for the Plastic-to-Diesel Lab project. This initiative, launched alongside the 'Plastic Waste Bank' in 2022, reflects the University's commitment to sustainable waste management and innovative recycling solutions. Through this partnership, collected plastic waste was processed into fuel, supporting both environmental conservation and technological advancement in plastic waste utilization. For the academic year 2024-25, 2500 kg of plastic waste was handed over to SDC for proper disposal. At SRHU, significant steps have been taken to reduce single-use plastic consumption and promote sustainable practices across the campus.


Annexure 8

Social Development for Communities Foundation Society

To Whom It May Concern
December 31, 2024

Swami Rama Himalayan University, Jolly Grant
Dehradun, Uttarakhand

Dear Sir

This is to confirm that we have received the following quantities of plastic waste from Swami Rama Himalayan University, Jolly Grant, Dehradun.

Financial Year 2021 - 2022 = 500 Kilogram (Rounded off)
Financial Year 2022 - 2023 = 800 Kilogram (Rounded off)
Financial Year 2023 - 2024 = 1800 Kilogram (Rounded off)
Financial Year 2024 - 2025 = 2500 Kilogram (Till April 2024 - December 2024)

Grand Total = 5600 Kilogram (Rounded off)

As you are aware, we have a long standing MoU with CSIR-IIP as their Social Technology Partners for the plastic to diesel lab project. We have similar collaborations with Dehradun Cantonment Board and another authorized plastic waste recycler. All plastic collected from SRHU is sent for recycling purposes on a free of cost basis.

Sincerely,
Anoop Nautiyal
Founder
Social Development for Communities Foundation

contactsdcuk@gmail.com
www.sdcuk.in
69, Vasant Vihar,
Dehra Dun - 248 006,
Uttarakhand, India
@sdcfoundationuk

Amount of plastic waste recycled

Details	Quantity (Kg)
Amount of plastic waste recycled (2022-23)	800
Amount of plastic waste recycled (2023-24)	1800
Amount of plastic waste recycled (2024-25)	2500

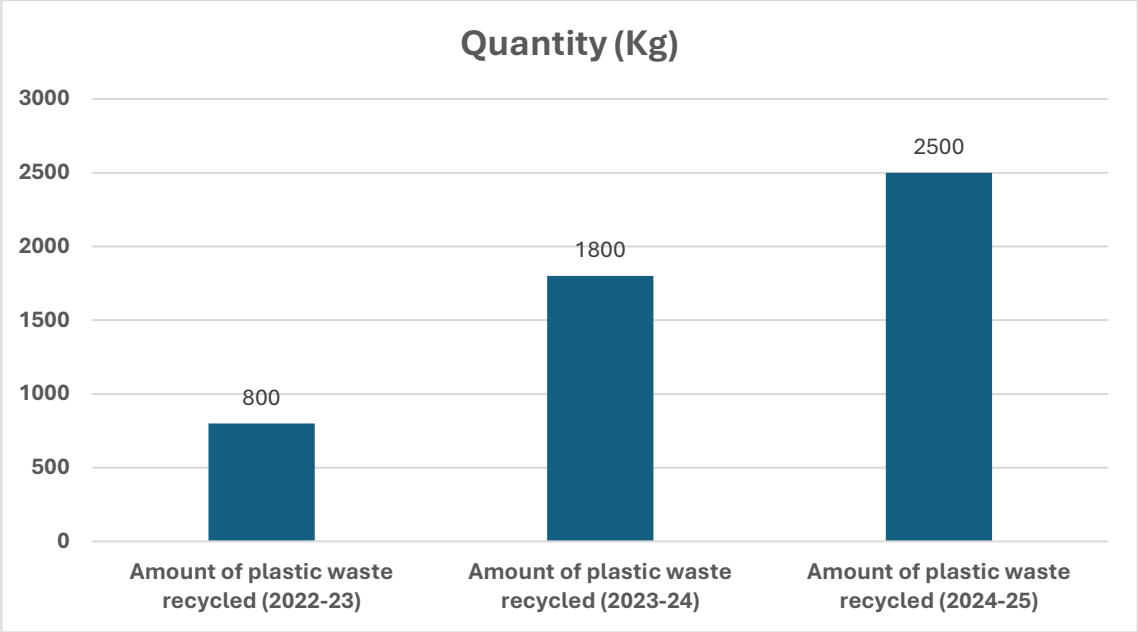


Fig. Amount of plastic waste recycled during the last three years

EVIDENCE-3:

Establishment of Plastic Bank for collection and proper disposal of plastic waste



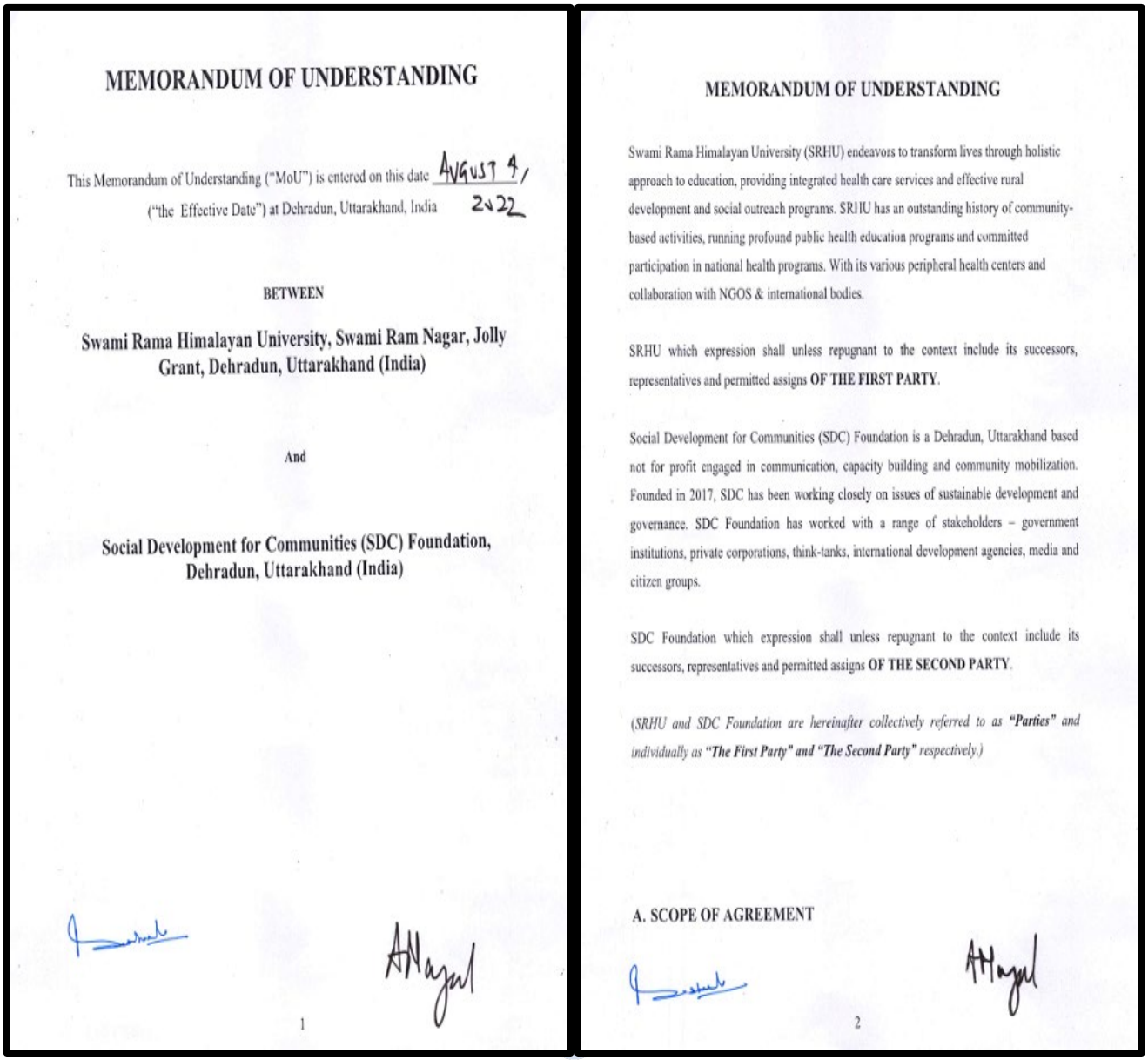
EVIDENCE- 4:

Certificate of recognition for establishment of Plastic Bank at SRHU



EVIDENCE-5:

MoU between SRHU and SDC for sustainability and plastic waste management



MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding ("MoU") is entered on this date AUGUST 4, 2022 ("the Effective Date") at Dehradun, Uttarakhand, India

BETWEEN

Swami Rama Himalayan University, Swami Ram Nagar, Jolly Grant, Dehradun, Uttarakhand (India)

And

Social Development for Communities (SDC) Foundation, Dehradun, Uttarakhand (India)

1

MEMORANDUM OF UNDERSTANDING

Swami Rama Himalayan University (SRHU) endeavors to transform lives through holistic approach to education, providing integrated health care services and effective rural development and social outreach programs. SRHU has an outstanding history of community-based activities, running profound public health education programs and committed participation in national health programs. With its various peripheral health centers and collaboration with NGOS & international bodies.

SRHU which expression shall unless repugnant to the context include its successors, representatives and permitted assigns **OF THE FIRST PARTY**.

Social Development for Communities (SDC) Foundation is a Dehradun, Uttarakhand based not for profit engaged in communication, capacity building and community mobilization. Founded in 2017, SDC has been working closely on issues of sustainable development and governance. SDC Foundation has worked with a range of stakeholders – government institutions, private corporations, think-tanks, international development agencies, media and citizen groups.

SDC Foundation which expression shall unless repugnant to the context include its successors, representatives and permitted assigns **OF THE SECOND PARTY**.

*(SRHU and SDC Foundation are hereinafter collectively referred to as **"Parties"** and individually as **"The First Party" and "The Second Party"** respectively.)*

A. SCOPE OF AGREEMENT

2

Innovative Plastic-to-Diesel initiative

Between 2021 and 2025, Swami Rama Himalayan University recycled 5,600 kilograms of plastic waste in partnership with the CSIR–Indian Institute of Petroleum (IIP), Dehradun, its Social Technology Partner for the Plastic-to-Diesel Lab project. Launched in 2022 alongside the Plastic Waste Bank, the initiative established a system for collecting and segregating plastic waste on campus. The collected waste was processed at CSIR–IIP using pyrolysis technology to produce diesel fuel. This initiative highlights SRHU's commitment to sustainable waste management, resource recovery, and innovative waste-to-energy solutions.

EVIDENCE- 6:

Signage for the plastic-free campus in the University





Plastic-Free Campus signage at Swami Rama Himalayan University promoting sustainability





Plastic-Free Campus signage at cafeteria in the University

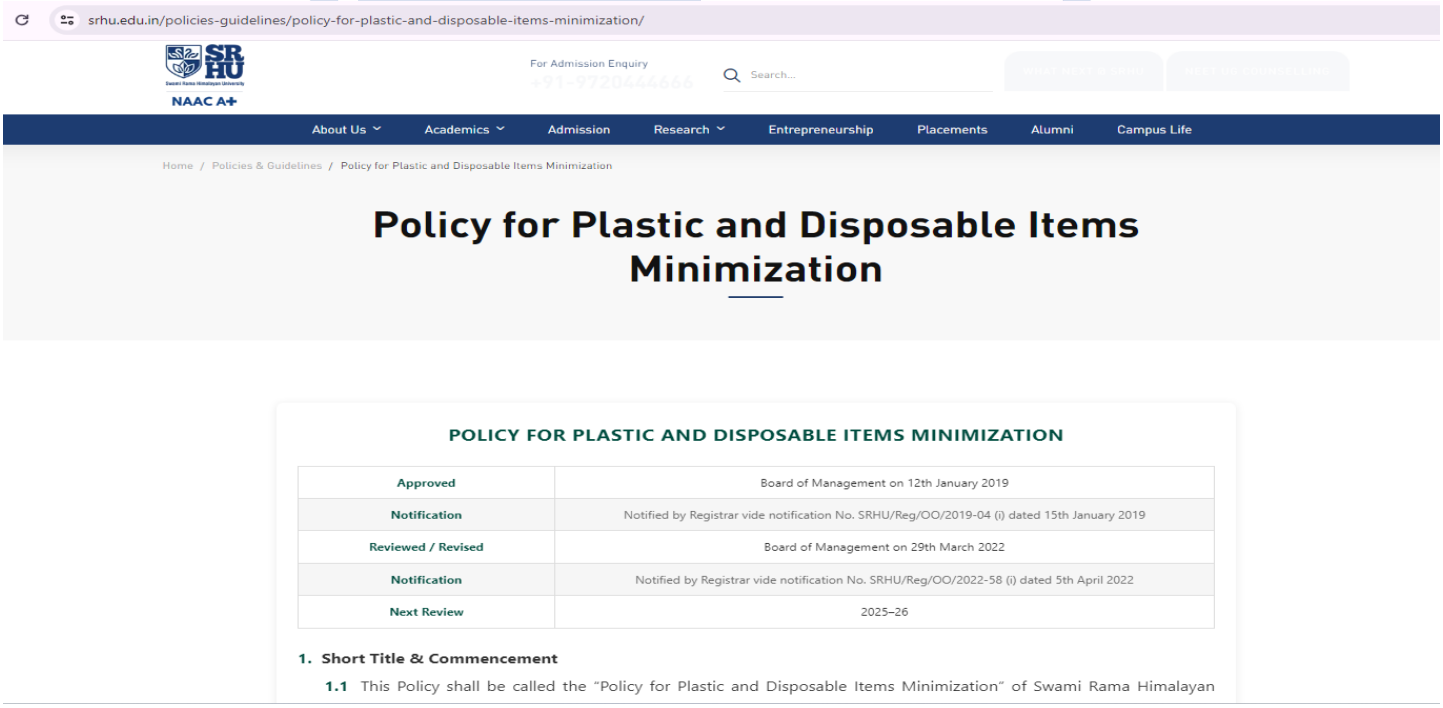
12.2.6 Policy for Minimization of Disposable Items

The University has a well-defined policy for minimisation of disposable items, in place since 2019, promoting reduction in the use of single-use and disposable materials through sustainable alternatives. The policy and supporting evidence are publicly available on the SRHU website and reviewed in 2022.

Particulars	Status	Details
Existence of Minimization of Disposable Items policy	**Yes**	Policy for Plastic and Disposable Items Minimization since 2019
Evidence provided	**Yes**	Screenshot of the Policy for Plastic and Disposable Items Minimization
Is the evidence provided public	**Yes**	srhu.edu.in/policies-guidelines/policy-for-plastic-and-disposable-items-minimization
Is policy created or reviewed in period 2022-2026	**Yes**	Policy for Plastic and Disposable Items Minimization reviewed in 2022

EVIDENCE:

Screenshot of the Policy for Plastic and Disposable Items Minimization



The policy mandates the progressive elimination of single-use and disposable materials such as plastic cutlery, cups, and packaging across all university facilities, including cafeterias, hostels, hospitals, and administrative offices. Reusable alternatives, such as stainless-steel or biodegradable tableware, have been introduced, and refillable water stations are installed campus-wide to reduce reliance on bottled water.

12.2.7 Disposable Policy: Extensions to Services

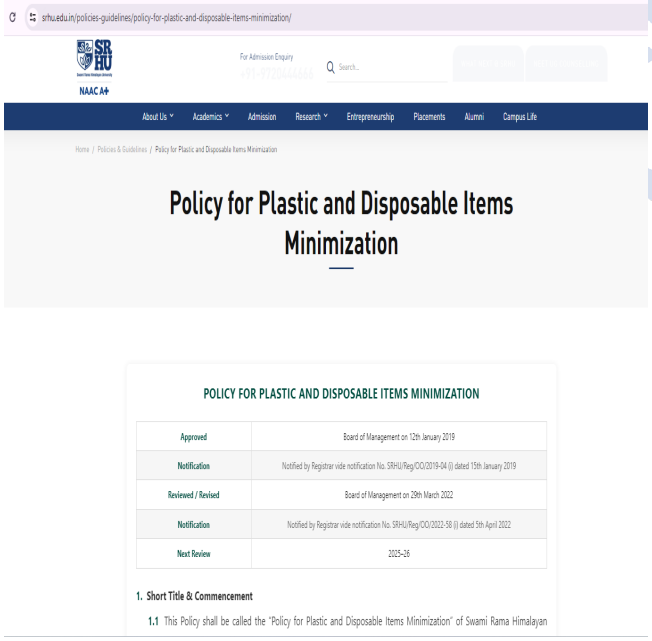
The University has a well-defined policy for disposal items (extensions to services) in place since 2019. The policy is publicly available on the SRHU website and was reviewed in 2022.

Particulars	Status	Details
Existence of extension	Yes	Policy for Plastic and Disposable Items Minimization since 2019
Evidence provided	Yes	Screenshot of the Policy for Plastic and Disposable Items Minimization
Is the evidence provided public	Yes	srhu.edu.in/policies-guidelines/policy-for-plastic-and-disposable-items-minimization

The University ensures that its policy for minimisation of disposable items is fully extended to all outsourced and contracted services operating within the campus (mentioned under section 3.3 of the scope of the policy). The policy explicitly requires catering, housekeeping, event management, and facility maintenance vendors to comply with the university's sustainability guidelines on reducing disposable and single-use products. All catering and cafeteria service providers are mandated to replace plastic and Styrofoam disposables with biodegradable or reusable alternatives, while event organisers are required to follow a "no-single-use-item" protocol for all university functions.

Evidence

Evidence- 1:
Screenshot of the Policy for Plastic and Disposable Items Minimization: Extensions to Services


srhu.edu.in/policies-guidelines/policy-for-plastic-and-disposable-items-minimization/

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Policy for Plastic and Disposable Items Minimization

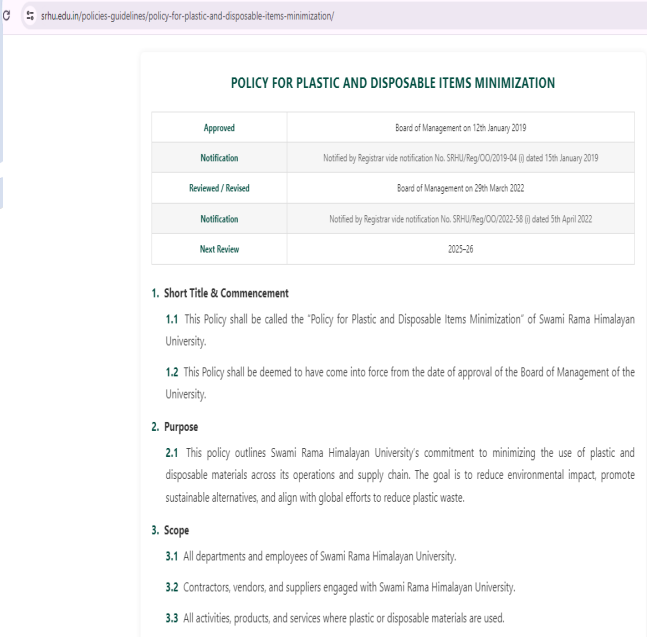
POLICY FOR PLASTIC AND DISPOSABLE ITEMS MINIMIZATION

Approved	Board of Management on 12th January 2019
Notification	Notified by Registrar vide notification No. SRHU/Reg/OO/2019-04 (i) dated 15th January 2019
Reviewed / Revised	Board of Management on 29th March 2022
Notification	Notified by Registrar vide notification No. SRHU/Reg/OO/2022-58 (i) dated 5th April 2022
Next Review	2025-26

1. Short Title & Commencement

1.1 This Policy shall be called the "Policy for Plastic and Disposable Items Minimization" of Swami Rama Himalayan

Evidence- 2:
Screenshot of the Policy for Plastic and Disposable Items Minimization: Extensions to Services


srhu.edu.in/policies-guidelines/policy-for-plastic-and-disposable-items-minimization/

POLICY FOR PLASTIC AND DISPOSABLE ITEMS MINIMIZATION

Approved	Board of Management on 12th January 2019
Notification	Notified by Registrar vide notification No. SRHU/Reg/OO/2019-04 (i) dated 15th January 2019
Reviewed / Revised	Board of Management on 29th March 2022
Notification	Notified by Registrar vide notification No. SRHU/Reg/OO/2022-58 (i) dated 5th April 2022
Next Review	2025-26

1. Short Title & Commencement

1.1 This Policy shall be called the "Policy for Plastic and Disposable Items Minimization" of Swami Rama Himalayan University.

1.2 This Policy shall be deemed to have come into force from the date of approval of the Board of Management of the University.

2. Purpose

2.1 This policy outlines Swami Rama Himalayan University's commitment to minimizing the use of plastic and disposable materials across its operations and supply chain. The goal is to reduce environmental impact, promote sustainable alternatives, and align with global efforts to reduce plastic waste.

3. Scope

3.1 All departments and employees of Swami Rama Himalayan University.

3.2 Contractors, vendors, and suppliers engaged with Swami Rama Himalayan University.

3.3 All activities, products, and services where plastic or disposable materials are used.

12.2.8 Minimization Policies Extended to Suppliers

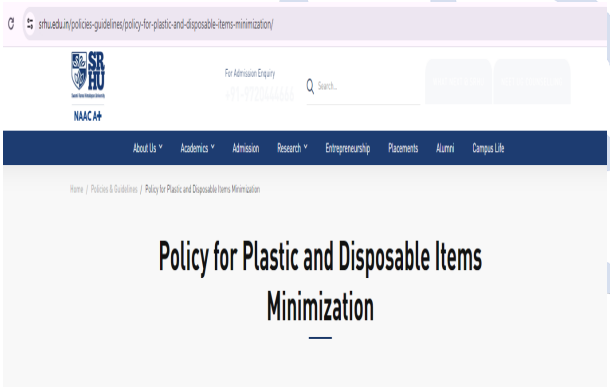
The University has extended its waste-minimisation and sustainability policies to all suppliers and vendors. The policy requires suppliers to reduce disposable packaging, use recyclable or biodegradable materials, and prioritise eco-friendly and locally sourced products. Sustainability clauses are included in tender documents and purchase orders, and compliance is regularly reviewed.

The University has a well-defined policy for waste minimization extended to suppliers in place since 2019. The policy is publicly available on the SRHU website (mentioned under section 3.3 of the scope of the policy) and reviewed in 2022.

Particulars	Status	Details
Existence of Extension	**Yes**	Policy for Plastic and Disposable Items Minimization since 2019, embedded and extended to Suppliers
Evidence Provided	**Yes**	Screenshot of the Policy for Plastic and Disposable Items Minimization
Is the evidence Provided public	**Yes**	srhu.edu.in/policies-guidelines/policy-for-plastic-and-disposable-items-minimization

EVIDENCE:

Screenshot of the Minimization Policy Extended to Suppliers







12.3 Proportion of Recycled Waste

12.3.1 Waste tracking

Swami Rama Himalayan University (SRHU) has established a comprehensive waste-tracking system to measure and monitor the amount of waste generated and recycled across the entire campus. The University conducts regular audits to record waste quantities from academic buildings, hostels, hospitals, cafeterias, and administrative areas, categorizing them into biodegradable, non-biodegradable, biomedical, and recyclable waste streams. This tracking process is carried out in collaboration with facility management and sustainability teams to ensure data accuracy and accountability. The collected data is compiled monthly and forms the basis for waste reduction and recycling initiatives, including composting of biodegradable waste and recycling of paper, plastic, and metal materials. SRHU is committed to transparency and continuous improvement.

The summary of data generated on campus waste management is made available through sustainability reports and the University website.

Particulars	Status	Details
Existence of measurement	Yes	Table provided below in the text.
Evidence provided	Yes	• Details of waste generated for the whole University • Screenshot of waste generated for the whole University (2024-25) available on the website • Collection of waste at various locations daily in the University • Black and Green Bins located at various key locations promoting source-level waste segregation of biodegradable and non-biodegradable waste • E-waste collection facility at SRHU • SRHU is a certified member for e-waste management by Anmol Paryavaran Sanrakshan Samiti, promoting responsible disposal
Is the evidence provided public	Yes	URL: srhu.edu.in/sdg-waste/

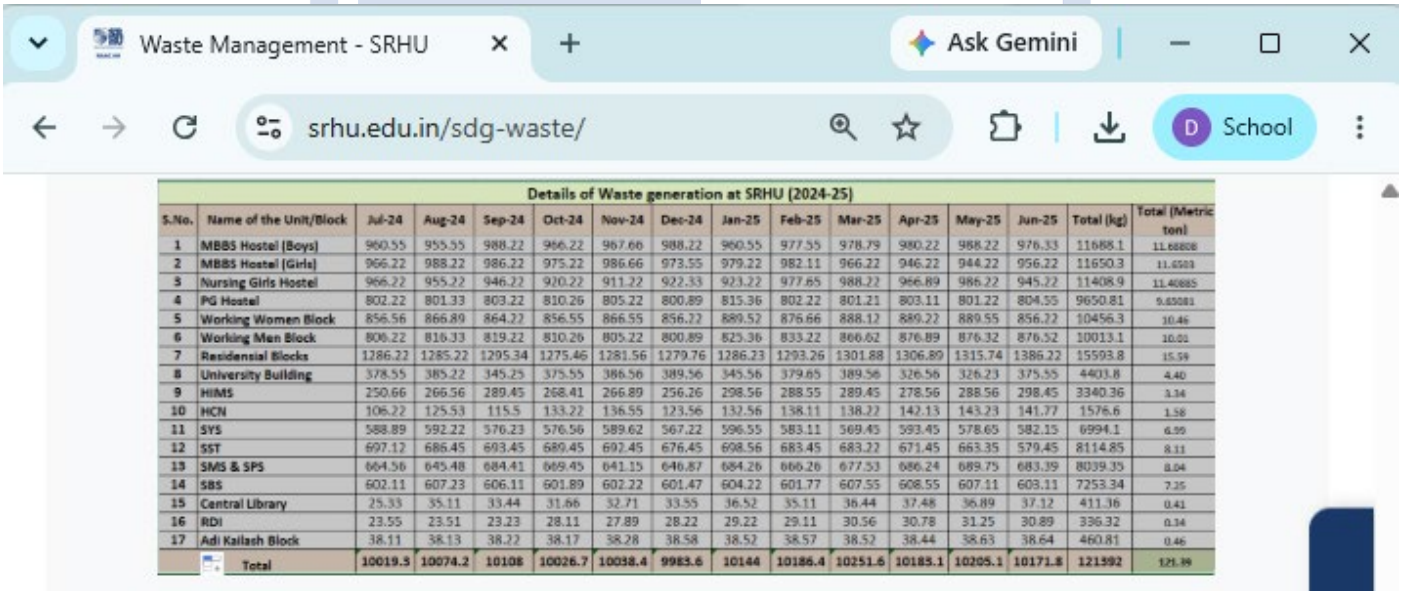
EVIDENCE-1:

Details of waste generated for the whole University (2024-25)

Details of Waste generation at SRHU (2024-25)															
S.No.	Name of the Unit/Block	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Total (kg)	Total (Metric ton)
1	MBBS Hostel (Boys)	960.55	955.55	988.22	966.22	967.66	988.22	960.55	977.55	978.79	980.22	988.22	976.33	11688.1	11.68808
2	MBBS Hostel (Girls)	966.22	988.22	986.22	975.22	986.66	973.55	979.22	982.11	966.22	946.22	944.22	956.22	11650.3	11.6503
3	Nursing Girls Hostel	966.22	955.22	946.22	920.22	911.22	922.33	923.22	977.65	988.22	966.89	986.22	945.22	11408.9	11.40885
4	PG Hostel	802.22	801.33	803.22	810.26	805.22	800.89	815.36	802.22	801.21	803.11	801.22	804.55	9650.81	9.65081
5	Working Women Block	856.56	866.89	864.22	856.55	866.55	856.22	889.52	876.66	888.12	889.22	889.55	856.22	10456.3	10.46
6	Working Men Block	806.22	816.33	819.22	810.26	805.22	800.89	825.36	833.22	866.62	876.89	876.32	876.52	10013.1	10.01
7	Residensial Blocks	1286.22	1285.22	1295.34	1275.46	1281.56	1279.76	1286.23	1293.26	1301.88	1306.89	1315.74	1386.22	15593.8	15.59
8	University Building	378.55	385.22	345.25	375.55	386.56	389.56	345.56	379.65	389.56	326.56	326.23	375.55	4403.8	4.40
9	HIMS	250.66	266.56	289.45	268.41	266.89	256.26	298.56	288.55	289.45	278.56	288.56	298.45	3340.36	3.34
10	HCN	106.22	125.53	115.5	133.22	136.55	123.56	132.56	138.11	138.22	142.13	143.23	141.77	1576.6	1.58
11	SYS	588.89	592.22	576.23	576.56	589.62	567.22	596.55	583.11	569.45	593.45	578.65	582.15	6994.1	6.99
12	SST	697.12	686.45	693.45	689.45	692.45	676.45	698.56	683.45	683.22	671.45	663.35	579.45	8114.85	8.11
13	SMS & SPS	664.56	645.48	684.41	669.45	641.15	646.87	684.26	666.26	677.53	686.24	689.75	683.39	8039.35	8.04
14	SBS	602.11	607.23	606.11	601.89	602.22	601.47	604.22	601.77	607.55	608.55	607.11	603.11	7253.34	7.25
15	Central Library	25.33	35.11	33.44	31.66	32.71	33.55	36.52	35.11	36.44	37.48	36.89	37.12	411.36	0.41
16	RDI	23.55	23.51	23.23	28.11	27.89	28.22	29.22	29.11	30.56	30.78	31.25	30.89	336.32	0.34
17	Adi Kailash Block	38.11	38.13	38.22	38.17	38.28	38.58	38.52	38.57	38.52	38.44	38.63	38.64	460.81	0.46
	Total	10019.3	10074.2	10108	10026.7	10038.4	9983.6	10144	10186.4	10251.6	10183.1	10205.1	10171.8	121392	121.39

EVIDENCE-2:

Screenshot of waste generated for the whole University (2024-25) available on the website



EVIDENCE- 3:

Collection of waste at various locations daily in the University





EVIDENCE- 4:

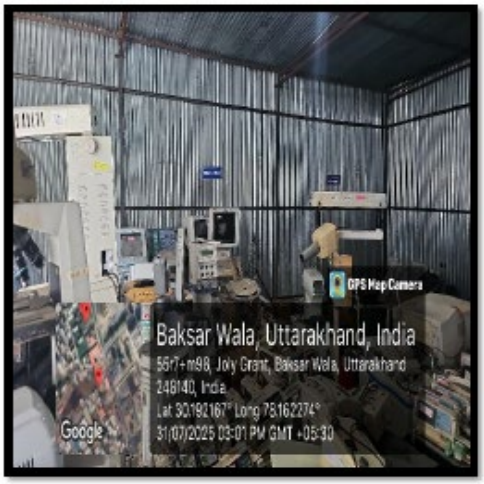
Black and Green Bins located at various key locations promoting source-level waste segregation of biodegradable and non-biodegradable waste



EVIDENCE- 5:

E-waste collection facility at SRHU





E-waste management

SRHU has implemented the e-waste management policy as prescribed by the state government, ensuring the environmentally responsible disposal of electronic waste. Non-functional and obsolete electronic devices such as computers, CPUs, monitors, keyboards, mice, and other outdated equipment are systematically collected and stored in a centralized e-waste storage facility located on campus. The e-waste generated during 2024-25 is about 253 kg. In adherence to regulatory standards, this e-waste is periodically transferred to certified and authorized vendors for safe and responsible disposal, under the framework of a formal agreement. This structured process not only guarantees compliance with environmental regulations but also reinforces the University's commitment to sustainable waste management and eco-friendly campus practices. A certificate of e-waste disposal is provided by the vendor to the University for Official Records, ensuring accountability and compliance with environmental standards.

SRHU has official membership with Anmol Paryavaran Sanrakshan Samiti, a recognized organization certified by the Uttarakhand Environment Protection and Pollution Control Board (UEPPCB) for responsible e-waste management, and it certifies SRHU as an authorized participant in activities related to e-waste collection, storage, dismantling, recycling, refurbishing, and disposal. This affiliation supports the University's efforts to minimize electronic waste through environmentally sound practices.

Evidence- 6:

SRHU is a certified member for e-waste management by Anmol Paryavaran Sanrakshan Samiti, promoting responsible disposal



Regd.: 140/2014-15

Anmol Paryavaran Sanrakshan Samiti

(Green Solution for E-Waste Management certified by UEPPCB)

Facility of E-Waste Collection, Storage, Dismantling, Recycling, Refurbishing & Disposal

Regd. Off. : 119, Old Nehru Colony, Dehradun-248001

Works at : Kh. No. 85/2, 87/1, Daulatpur, Hajratpur Urf Budhwasahid Tehsil Roorkee, Distt. Haridwar

Email : apssdoon@gmail.com

Membership Certificate

This is Certify that M/s Himalayan Institute Hospital Trust,

Swami Ramnagar, Jolly Grant, Dehradun, 248016

is a member of ANMOL PARYAVARAN SANRAKSHAN SAMITI with membership No. (20) *dated* 15.11.22

Date 15/11/2022

This Certificate is valid upto 31 March 2026

President

Secretary

12.3.2 Proportion of Waste Recycled

The university has implemented a structured waste segregation and recycling system to minimize environmental impact and promote a culture of resource efficiency. All biodegradable, non-biodegradable, and biomedical wastes are carefully separated at the source. Recyclable materials such as paper, plastics, glass, and metals are collected and sent to authorized recycling agencies. Organic waste from hostels, canteens, and gardens is converted into compost through in-house composting units, which is then used to enrich campus greenery.

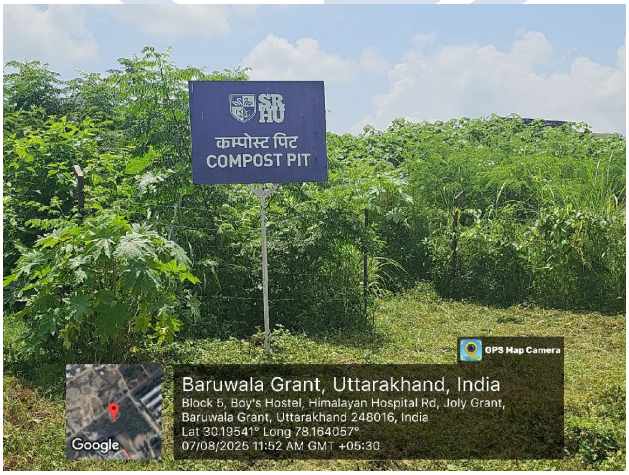
Through these efforts, SRHU consistently achieves a high proportion of total waste recycled, reducing landfill dependency and contributing to the university's broader sustainability goals. The details are shown below in the table.

Proportion of Waste Recycled

Details	Quantity (metric ton)
Amount of waste generated (2024-25)	**121.39**
Amount of waste recycled (2024-25)	**102.70**
Amount of waste sent to landfill (2024-25)	**18.69**

EVIDENCE- 1:

Compost Pit Site aiding conversion of organic waste into nutrient-rich compost to support sustainable landscaping and responsible waste management



EVIDENCE- 2:

Certificate of leftover food waste collected from various constituent academic units and residences at SRHU

स्वामी राम हिमालयन विश्वविद्यालय
(यूजीसी अधिनियम, 1956 की धारा 2 (एफ) के अंतर्गत उत्तराखण्ड राज्य अधिनियम द्वारा स्थापित)
Swami Rama Himalayan University
(Estd. under section 2(f) of UGC Act, 1956 vide Uttarakhand State Act)

To whom it may concern

This is to certify that leftover food waste is collected from various constituent academic units and residences of Swami Rama Himalayan University campus by the housekeeping department.

This leftover food is regularly sent to compost pits located inside the campus for converting it into manure. It is utilized for gardening purpose withing the campus. In the academic year 2024-2025, 49254 Kg leftover food is collected and converted into manure.

Girish Uniyal
Head (E & M)
Infrastructure Development
& Maintenance department

Date :- 15/01/2026

Food waste collection measures at SRHU

Swami Rama Himalayan University (SRHU) has implemented a systematic mechanism for the collection and management of food waste generated within the campus. Leftover food waste from various constituent academic units and residential areas is collected regularly by the Housekeeping Department. The collected food waste is transported to designated compost pits located within the university campus, where it is processed and converted into manure. The resulting manure is utilized for gardening and landscaping purposes within the campus**,** thereby promoting resource recovery and reducing the amount of organic waste requiring disposal. During the academic year 2024-2025, 49.25 metric tons of leftover food waste were collected and converted into manure**,** demonstrating SRHU's commitment to sustainable waste management and a circular approach to organic waste.

Recycling of waste paper

SRHU has implemented several sustainable waste management initiatives to minimize environmental impact on campus. The University operates an 8 kg per day waste paper recycling plant, which processes paper waste collected from various offices and schools. The resulting recycled handmade paper is repurposed into envelopes used within university offices, promoting a circular economy. In addition, biodegradable waste from across the campus is processed in a compost pit, producing organic fertilizer that supports the university's nursery and gardens.

- Established: 2019 → campus sustainability & jobs.
- Production (2024): 7,242 recycled sheets, 1,003 diaries, and 1,500 envelopes.
- Promotes circular economy and reduces campus carbon footprint.

EVIDENCE- 3:

Waste paper recycling unit at SRHU





12 Garhwal Post www.garhwalpost.in Dehradun, 22 Oct, 2022 Dehradun

Waste Paper Recycling Unit installed at Swami Rama Himalayan University

By OUR STAFF REPORTER

DEHRADUN, 20 Oct: On the occasion of Diwali, Swami Rama Himalayan University Jolly Grant took another significant step towards environmental protection. Vice Chancellor Dr Vijay Dhasmana formally inaugurated the Waste Paper Recycling Unit at the University Campus. He said that SRHU has established itself as a model university in the field of environmental protection apart from education, health and social development. Various schemes have been implemented for the disposal of plastic waste including water and energy conservation in the lush green university campus sprawling over 200 acres. He mentioned that there can be nothing better than fulfilling the demand for paper and other stationery without cutting trees. The paperless work system has been adopted in the university, but there are many activities in which use of paper becomes mandatory. Therefore, a plant to recycle used paper (waste) has been set up in the university. Envelopes, cards and file covers can also be made from waste in this unit. Apart from environmental protection, the expenditure on paper, file covers and envelopes used in the institute will also be curtailed. Girish Uniyal, Head of Electrical and Mechanical Department of SRHU said that about 8 kg of used paper (waste) can be recycled daily in the unit. Himalayan Hospital Chief Medical Superintendent Dr SL Jethani, Dr Ashok Deorari, Dr Mushtaq Ahmed, Dr CS Nautiyal, Roshan Naugain, Rupesh Mehrotra, etc., were present on the occasion.

12.4 Publication of Sustainability Report

SRHU is committed to transparency and accountability in its sustainability journey. In line with indicator 12.4 (12.4.1), the University has published a dedicated sustainability report which is publicly accessible on the University's website and complements its annual report. The report includes clear statements of sustainability strategy, audited data on resource consumption and waste management, and measurable targets for future years, thereby fulfilling the criteria of existence, verifiable evidence and public availability.

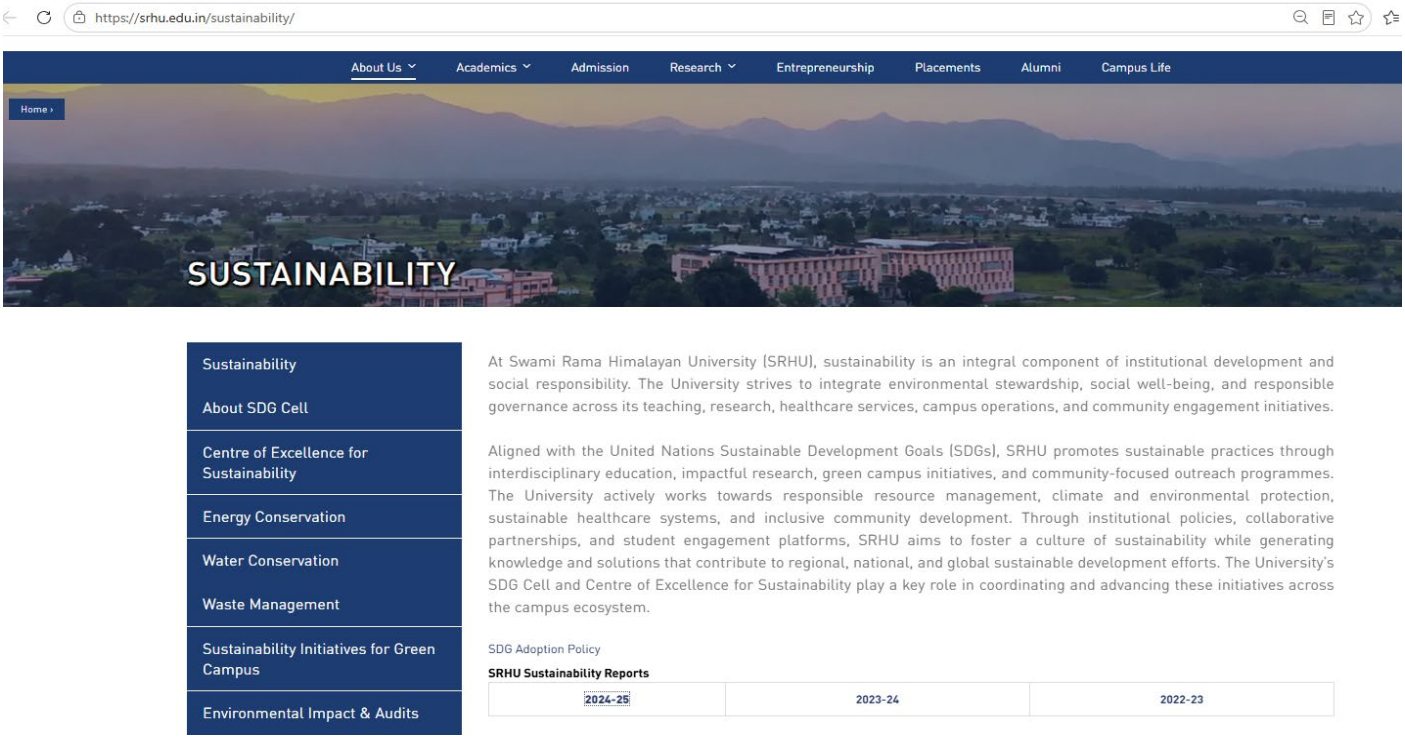
12.4.1 Publication of a sustainability report

The University has published its sustainability report, which is publicly accessible on the University website.

Particulars	Status	Details
Existence of report	Yes	SRHU Sustainability report available on the University website
Evidence provided	Yes	Screenshot of SRHU Sustainability report on the University website
Is the evidence provided public	Yes	srhu.edu.in/sustainability

EVIDENCE:

Screenshot of SRHU Sustainability report on the University website



Certifications and Quality Standards

SRHU consistently adheres to audit procedures for energy, environment, and green campus initiatives. Through these efforts, the University upholds quality standards and ensures compliance with ISO regulations set by government-approved agencies. Notably, the University maintains active ISO 14001:2015 and ISO 50001: 2018 certifications in its records.



ISO 14001:2015 certification



ISO 17020:2012 certification



ISO 17020:2012 certification



Carbon footprint Certification (2024-25)



Green Audit Certification (2024-25)



NEWS

SDG-12 Champion:

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