



Self-Assessment Report (SAR) for Annual Internal Ranking (AIR) of Govt. Colleges of Himachal Pradesh for the Academic Session 2024-25

Criterion 6- Faculty Profile & Research Activities

6.8 Teachers' Special Innovative Ideas (Brief description thereof)

Making of Eco-bricks as a part of assignment

Eco-bricks at Govt. College Kullu represent an innovative, hands-on student assignment initiated in 2022-23 to tackle plastic waste sustainably. Students collect non-recyclable plastic waste from the college campus, their residential areas and nearby surroundings, then tightly pack it into two-liter plastic bottles to create durable, reusable building blocks. This practice prevents the plastic waste from degrading into microplastics or toxins while fostering environmental awareness among participants.

Students begin by gathering clean, dry plastic waste such as wrappers, bags and straws, excluding glass, metal or biodegradable items. Then, they stuff the material into the plastic bottle using a stick for maximum compaction until the bottle feels solid like a brick and produces a deep, resonant sound when tapped. The process emphasizes minimum air pockets to ensure structural integrity for potential uses like garden benches or walls.

Eco-bricks effectively isolate and hide away plastic out of the biosphere, reducing pollution within the college ecosystem and also beyond the campus. By involving students directly in waste management, the initiative raises ecological consciousness and encourages reduced plastic consumption over time. This aligns with broader goals in floriculture and environmental education at institutions like Govt. College Kullu.

As a low-cost, scalable practice, eco-brick preparation can endure in the college through integration into regular assignments, biodiversity club activities, and campus infrastructure projects. Its simplicity ensures student-led continuity, turning waste management into a perpetual tradition that supports the college's focus on ecology and sustainability. Ongoing monitoring for bottle integrity will maintain viability for years.



Eco-brick Making- A part of Assignment

Assignment signature sheet for BOTA101 & BOTA102 (2025-26)

Sr. No.	Name of student	Class Roll No.	University roll no.	BOTA101		BOTA102	
				Eco-brick 1	Eco-brick 2	Eco-brick 3	Eco-brick 4
1	Payal Sharma	25BOT101					
2	Nandini Chambyal	25BOT102					
3	Brinda Thakur	25BOT103					
4	Sonakshi	25BOT104					
5	Piyush	25BOT105					
6	Lakshita	25BOT106					
7	Neha Thakur	25BOT107					
8	Suhani	25BOT108					
9	Samiksha	25BOT109					
10	Siya Sharma	25BOT110					
11	Disha	25BOT111		<i>Disha</i>	<i>Disha</i>	<i>Disha</i>	<i>Disha</i>
12	Sunaina	25BOT112		<i>Sunaina</i>	<i>Sunaina</i>	<i>Sunaina</i>	<i>Sunaina</i>
13	Harshita Thakur	25BOT113		<i>Harshita</i>	<i>Harshita</i>	<i>Harshita</i>	<i>Harshita</i>
14	Samriti	25BOT114		<i>Samriti</i>	<i>Samriti</i>	<i>Samriti</i>	<i>Samriti</i>
15	Divya Thakur	25BOT115		<i>Divya Thakur</i>	<i>Divya Thakur</i>	<i>Divya Thakur</i>	<i>Divya Thakur</i>
16	Sneha	25BOT116		<i>Sneha</i>	<i>Sneha</i>	<i>Sneha</i>	<i>Sneha</i>
17	Harshita	25BOT117					
18	Sukriti Bhardwaj	25BOT118		<i>Sukriti</i>	<i>Sukriti</i>		
19	Ritik Thakur	25BOT119					
20	Vanshika Thakur	25BOT120		<i>Vanshika</i>	<i>Vanshika</i>		
21	Dipanshi	25BOT121		<i>Dipanshi</i>	<i>Dipanshi</i>		
22	Shreya Sharma	25BOT122					
23	Navriti	25BOT123		<i>Navriti</i>	<i>Navriti</i>	<i>Navriti</i>	<i>Navriti</i>
24	Anshumann	25BOT124					
25	Ishita Thakur	25BOT125					
26	Piya	25BOT126		<i>Piya</i>	<i>Piya</i>	<i>Piya</i>	<i>Piya</i>
27	Deepika	25BOT127					
28	Neha Sharma	25BOT128					
29	Shagun	25BOT129					
30	Saniya Thakur	25BOT130					

Sr. No.	Name of student	Class Roll No.	University roll no.	BOTA101		BOTA102	
				Eco-brick 1	Eco-brick 2	Eco-brick 3	Eco-brick 4
31	Aryan	25BOT131					
32	Twinkle Thakur	25BOT132					
33	Aahna Thakur	25BOT133					
34	Sneha	25BOT134					
35	Tushar Thakur	25BOT135					
36	Daksh Singh	25BOT136					
37	Sneha	25BOT137					
38		25BOT138					
39	Siya	25BOT139					
40	Aayush Sharma	25BOT140					
41	Gunjan Singh	25BOT141					
42		25BOT142					
43	Ritesh	25BOT143					
44	Srishti Thakur	25BOT144					
45	Akshit Thakur	25BOT145					
46	Sanya Prashar	25BOT146		<i>Sanya</i>	<i>Sanya</i>	<i>Sanya</i>	<i>Sanya</i>
47	Shruti	25BOT147					
48	Vinita Bhardwaj	25BOT148					
49	Disha Devi	25BOT149		<i>Disha</i>	<i>Disha</i>	<i>Disha</i>	<i>Disha</i>
50	Dhruv Thakur	25BOT150					
51	Divyanka Negi	25BOT151		<i>Divyanka</i>	<i>Divyanka</i>	<i>Divyanka</i>	<i>Divyanka</i>
52	Sharnaya	25BOT152					
53	Nitya	25BOT153					
54	Bhumi	25BOT154					
55	Aayushi Sood	25BOT155					
56	Rujhan	25BOT156					
57	Surbhi Thakur	25BOT157					
58	Sumna Kumari	25BOT158		<i>Sumna</i>	<i>Sumna</i>		
59	Muskan	25BOT159					
60	Shaiwal Thakur	25BOT160					
61	Shyam Sunder	25BOT161					
62	Sunil	25BOT162					

Sr. No.	Name of student	Class Roll No.	University roll no.	BOTA101		BOTA102	
				Eco-brick 1	Eco-brick 2	Eco-brick 3	Eco-brick 4
63		25BOT163					
64	Harshvardhan Singh Shourda	25BOT164					
65	Anushka	25BOT165					
66	Shiwang	25BOT166					
67	Aseem Pal	25BOT167					
68	Kanika	25BOT168					
69		25BOT169					
70	Drishti	25BOT170					
71	Chhetan Yugdudh	25BOT171					
72	Panna Lal	25BOT172					
73		25BOT173					
74	Sanjana	25BOT174					
75	Vanshu Negi	25BOT175					
76	Divya Drishti	25BOT176					
77	Jagdish	25BOT177					
78	Varun	25BOT178					
79	Rohan	25BOT179					
80		25BOT180					
81	Gunjan Gautam	25BOT181					
82	Himanshu	25BOT182					
83	Veena Kumari	25BOT183					
84	Nikita Bisht	25CHEM101					
85	Kavya Sharma	25CHEM102		Kavya	Kavya	Kavya	Kavya
86	Shourya	25CHEM103		Shourya	Shourya	Shourya	Shourya
87	Harak Pandit	25CHEM120					
88	Srishti Mahant	25CHEM125					
89	Mansi	25CHEM126					
90	Srishti Sharma	25CHEM127					
91	Pragya Sharma	25CHEM131					
92		25CHEM132					
93	Surbhi Bodh	25CHEM134					

Sr. No.	Name of student	Class Roll No.	University roll no.	BOTA101		BOTA102	
				Eco-brick 1	Eco-brick 2	Eco-brick 3	Eco-brick 4
94	Padma Devi	25CHEM140					
95	Reshel	25CHEM141					
96	Abhishek Negi	25ZOO101					
97	Sohani Sharma	25ZOO102					
98	Aakanksha Bhandari	25ZOO103					
99	Devyanshi Thakur	25ZOO104					
100	Kamal	25ZOO105					
101		25ZOO106					
102		25ZOO107					
103		25ZOO108					
104		25ZOO109					
105	Priya Thakur	25ZOO110					
106	Ansh	25ZOO111					
107	Mishel Prabhat	25ZOO112					
108	Aditi	25ZOO113					
109	Janvi	25ZOO114					
110	Sneha Thakur	25ZOO115					
111	Dimple	25ZOO116					
112	Anushika	25ZOO117					
113	Divyanshi	25ZOO118					
114	Shagun	25ZOO119					
115	Diksha	25ZOO120		Diksha	Diksha	Diksha	Diksha
116	Ragini Bhardwaj	25ZOO121					
117	Rytham Katoch	25ZOO122					
118	Bishan Kumar	25ZOO123					
119	Rushan	25ZOO124					
120	Ram Kumar	25ZOO125					
121	Rashmi	25ZOO126					
122	Sneha	25ZOO127					
123	Nayan Ashish	25ZOO128					
124	Aahna Budhathoki	25ZOO129					

Sr. No.	Name of student	Class Roll No.	University roll no.	BOTA101		BOTA102	
				Eco-brick 1	Eco-brick 2	Eco-brick 3	Eco-brick 4
125	Damini Sharma	25200130		Damini	Damini		
126	Mehak	25200131		Mehak	Mehak		
127	Sanvi Bhardwaj	25200132					
128	Radhika Thakur	25200133					
129	Karan	25200134					
130	Sujal Soondhu	25200135					
131	Sejal	25200136					
132	Sarika Chauhan	25200137					
133	Sachin	25200138		Sachin	Sachin	Sachin	Sachin
134	Surbhi	25200139		Surbhi	Surbhi		
135	Nandani Thakur	25200140					
136	Tanvi Thakur	25200141		Tanvi	Tanvi	Tanvi	
137	Nancy	25200142					
138	Raksha Thakur	25200143		Raksha	Raksha	Raksha	Raksha
139	Rashmi Verma	25200144		Rashmi	Rashmi		
140	Rishabh Singh	25200145		Rishabh	Rishabh		
141	Sheetal	25200146		Sheetal	Sheetal		
142	Sara	25200147					
143	Rohit Kumar	25200148					
144	Simran	25200149		Simran	Simran		
145	Rajeshwari Kumari	25200150		Rajeshwari	Rajeshwari		
146	Nitin Katoch	25200151					
147	Sakshi	25200152		Sakshi	Sakshi		
148	Anamika	25200153					
149	Sonal Raj	25200154					
150	Devanshi Thakur	25200155		Devanshi	Devanshi		
151	Isha Thakur	25200156		Isha	Isha	Isha	
152	Dinesh	25200157					
153	Akshay Kumar	25200158					
154	Samiksha	25200159					
155		25200160					
156	Shruti Rana	25200161					

Sr. No.	Name of student	Class Roll No.	University roll no.	BOTA101		BOTA102	
				Eco-brick 1	Eco-brick 2	Eco-brick 3	Eco-brick 4
157		25200162					
158	Poonam	25200163					
159		25200164					
160	Aditya Thakur	25200165					
161		25200166					
162	Samiksha Thakur	25200167		Samiksha	Samiksha	Samiksha	Samiksha
163	Nancy Sharma	25200168		Nancy Sharma	Nancy Sharma		
164	Lohitaksh Thakur	25200169					
165	Vanshika Negi	25200170					
166	Sheetal	25200171					
167		25200172					
168		25200173					
169	Aastha Thakur	25200174		Aastha Thakur	Aastha Thakur		
170	Shradhya	25200175					
171	Khushboo Bhatia	25200176					
172	Rajni Chauhan	25200177		Rajni	Rajni	Rajni	Rajni
173	Neeraj Thakur	25200178					
174	Aakriti	25200179					
175	Sanjhi	25200180					
176	Rishabh	25200181					
177	Pragati Sharma	25200182					
178	Shagun Sharma	25200183					
179	Tamanna	25200184					
180	Kanika	25200185		Kanika	Kanika		
181	Tanima	25200186					
182	Archana	25200187					