

17 PARTNERSHIPS
FOR THE GOALS



SUSTAINABLE
DEVELOPMENT **GOALS**

REPORT 2022



SUSTAINABLE DEVELOPMENT GOALS

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SDG 17 Manipal University admits that only through collaboration can we achieve Global Goals. To promote creative technical growth, fair trade, and market access, particularly for developing nations, international investments and support are required. Manipal University Jaipur realizes that collaboration and partnership, both locally and internationally, hold a key role to improve the quality of education, research, and service. It also provides an enormous number of opportunities for students and staff, with research opportunities and funding not to mention giving opportunities for international experiences, including study abroad programs and staff exchanges. Manipal University Jaipur has signed 46 Industrial MoUs to ensure sustainable development Goals for humanity and mankind.

Manipal University Jaipur in Shaping Sustainable Development Goals (SDGs) Policy-A Collaborative Approach

Manipal University Jaipur possesses a wealth of resources, knowledge, and intellectual capacity, positioning them as essential contributors to the formulation of policies addressing SDGs. Its involvement encompasses various crucial phases, starting from the identification of prevalent problems and challenges. Through robust research initiatives and academic expertise, Manipal University Jaipur plays a fundamental role in identifying key issues and hurdles that impede progress towards sustainable development. This involves conducting comprehensive studies, engaging interdisciplinary teams, and leveraging diverse perspectives to assess the root causes of problems.

Once challenges are identified, Manipal University Jaipur aids in developing policies and strategies. Its input is invaluable in crafting evidence-based solutions, leveraging data-driven insights, and academic research to formulate comprehensive policies aimed at tackling the identified issues. Manipal University Jaipur fosters an environment conducive to innovation, allowing for the development of novel approaches and strategies that address these challenges effectively. Its academic and research communities often serve as think tanks, contributing innovative solutions to complex problems. Manipal University Jaipur tries to excel in modeling probable futures with and without interventions. By employing sophisticated tools and analytical methods, the institutions simulate the potential impact of policy implementations, providing invaluable foresight into the efficacy of proposed solutions. This modeling facilitates evidence-based decision-making and helps policymakers understand the potential consequences of their actions.

Manipal University Jaipur often collaborates closely with governments and non-governmental organizations to track the progress of implemented policies, assessing their impact on society and the environment. Through comprehensive data collection, analysis, and evaluation, Manipal University Jaipur contributes to evidence-based assessments, enabling policymakers to make informed adjustments and refine strategies. Manipal University Jaipur is catalyst for adaptive management. Its continuous research, feedback mechanisms, and analysis allow for the adaptation and fine-tuning of policies in response to changing circumstances. This adaptability is crucial in ensuring the efficacy and relevance of policies over time.

The synergy between Manipal University Jaipur, governments, and non-governmental organizations is key to achieving the SDGs. Collaborative partnerships create a platform



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for a diverse array of stakeholders to pool resources, knowledge, and expertise. Through these partnerships, the collective intelligence of academia, government, and civil society can be harnessed to address the multifaceted challenges posed by sustainable development. The involvement of Manipal University Jaipur in SDG policy development signifies a paradigm shift in the role of higher education institutions. It has transformed into dynamic entities that disseminate knowledge and actively contribute to shaping the future through policy formulation, implementation, and evaluation. The contributions stand as a testament to the vital role of academia in fostering sustainable development and a better world for future generations.



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DIRECTORATE OF STUDENT'S WELFARE

Society Connect

(Rotaract Club)

Presents

BLOOD DONATION CAMP 2022

Date of Event: 21st November 2022

Time: 9am onwards

Venue: Old Mess, Manipal University Jaipur



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1. Introduction of the Event

“With great power comes great responsibilities. Make blood donation your responsibility.”

Rotaract club of MUJ is back with the biggest event of MUJ after two years, **Blood Donation Camp 2022**, to help gift lives to the people around the world who need it the most.

2. Objectives of the Event

- To donate blood and gift someone a life.
- To give someone new hope for their struggles with fighting for their lives.
- Evolve togetherness and realize humanity still exists.

3. Beneficiaries of the Event

MUJ Students and the people around the world who need blood.

4. Brief Description of the Event

Blood Donation Camp 2022 - Rotaract Club, MUJ organized the event along with DSW wherein students and faculty from MUJ came to donate blood to various hospitals. It was a sight to remember, that so many people were willing to help someone and gift someone another life. The beds and arrangements were done by the club and various hospitals were given specific locations to set up their camp. All working committees coordinated with the hospitals and carried out the event smoothly getting donations. Those who donated were given refreshments, a gift, and a certificate. The event created a sense of togetherness and unity for humanity.

A promotional event was done on 20th November in the hostel area in front of Nescafe outlet (TEDx Chowk) from 7:00 pm to 9:00 pm for students to spread the awareness and encourage a greater number of students to take part in the event as donors. Student clubs like Coreografia, Cinefilia and The Music Club (TMC) took part in the event showcasing their activities of dance, dramatics and music for student entertainment and promotion of the BDC.

5. Brochure or creative of the event (as per MUJ brand guidelines)





Image 1 Preparation of Hospitals



Image 2 Student donating blood



Image 3 Hospital Teams



Image 4 Registrar Madam briefing Doordarshan Jaipur about Blood Donation camp at MUJ



Image 6 Army Hospital desk for collecting blood donation



Image 7 Blood Donation venue

7. Schedule of the Event

The event was held on 21st November 2022 from 9:00 am to 6:00 pm in the old mess and AB1 lobby area of the MUJ Campus.

8. Attendance of the Event

List of the attendees (donors) and participants (working teams) in the event 1684 students participated as donors and 242 students volunteered to work for the camp and help organize.
Total 1926

S.NO.	Registration No.	Name	Hospital
1	199303197	Gaurangi Joshi	SMS
2	171201056	Saksham Luhadia	ANGRASEN BLOOD CENTER
3	171201078	Vikram Singh	DR. RAMPAL BLOOD CENTRE
4	181301047	Soumya Swaroop	ANGRASEN BLOOD CENTER
5	190801015	Ishaan Bhargav	DR. RAMPAL BLOOD CENTRE
6	191301015	Aishwary	ARPAN HINDAUN
7	191301040	Rahul Roy	ANGRASEN BLOOD CENTER
8	191301097	Vishal Kumar Jha	ARPAN HINDAUN
9	191301101	Divyang	VIDYAPATI AJMER
10	199101003	Shivam Kumar	ARMY
11	199101007	Avnish Sahani	ANGRASEN BLOOD CENTER
12	199202010	Ayush Ojha	BHARADWAJ HOSPITAL
13	199202016	Kush Shresth	BHARADWAJ HOSPITAL
14	199202032	Poornachand Allada	ANGRASEN BLOOD CENTER
15	199202055	Doorva Agrawal	ANGRASEN BLOOD CENTER
16	199202079	Muskaan Jain	SMS
17	199202084	Karan Dixit	MAHATMA GANDHI
18	199202086	Triyan Thakur	MAHATMA GANDHI
19	199202087	Deeksha Srivastva	JAIPURIA
20	199202110	Gloriq Sunny Mathew	SMS
21	199205014	Mrinal Kumar Bishai	ANGRASEN BLOOD CENTER
22	199205015	Ashish Kandulnna	APEX SWASTHYA KALYAN
23	199205022	Varsha Bhansali	ANGRASEN BLOOD CENTER
24	199205025	Varun Khurana	SMS
25	199205026	Aneesh Sain	ANGRASEN BLOOD CENTER
26	199301011	Shraddha Sangol	SMS
27	199301015	Sarthak Srivastava	ARPAN HINDAUN
28	199301025	Abhinav Reddy	ARPAN HINDAUN
29	199301028	Subhankar Sen	VIDYAPATI AJMER
30	199301044	Deep Sharma	ANGRASEN BLOOD CENTER
31	199301047	Malaika Agrawal	ANGRASEN BLOOD CENTER
32	199301055	Yash Jain	DR. RAMPAL BLOOD CENTRE
33	199301082	Jitmanyu Singh	SMS
34	199301090	Arnav	DR. RAMPAL BLOOD CENTRE

35	199301099	Shubham Tripathi	SWASTHYA KALYAN
36	199301101	Sarthak Aggarwal	SUMAN
37	199301104	Akshiti Kaushik	SMS
38	199301111	Dhairyadev Arora	JANANA
39	199301117	Mann Bajpain	VIDYAPATI AJMER
40	199301131	Sai Saketh Reddy Bonthu	ANGRASEN BLOOD CENTER
41	199301133	Kaustubh Pagar	SUMAN
42	199301135	Chhavi Deshlahra	ANGRASEN BLOOD CENTER
43	199301139	Vatsal Vasani	NIMS
44	199301145	Raj Thakarar	BHARADWAJ HOSPITAL
45	199301156	Jeevansh Kumar	SUMAN
46	199301161	Supriya L	NARAYANA
47	199301167	Saswata Paladhi	SWASTHYA KALYAN
48	199301194	Abhishek Thakur	SMS
49	199301201	Adhinesh Reddy	ANGRASEN BLOOD CENTER
50	199301202	Shubham Jha	SMS
51	199301210	Aditya Puri	MAHATMA GANDHI
52	199301235	Aditya Khattar	BHAGWAN MAHAVEER
53	199301236	Yashwanth Varma	ANGRASEN BLOOD CENTER
54	199301242	Suvigya Saxena	ARMY
55	199301244	Reet Nandy	BHARADWAJ HOSPITAL
56	199301267	Vaibhav Khanablwal	SUMAN
57	199301275	Bhavi Singh	SMS
58	199301285	Nikshant	ARPAN HINDAUN
59	199302001	Sundar Suhrit Adavi	ANGRASEN BLOOD CENTER
60	199302014	Shubham Srivastava	ARMY
61	199302033	Manas Srivastava	ANGRASEN BLOOD CENTER
62	199302056	Vatsal Gupta	KANWATIA
63	199302063	Maulik Moghe	ANGRASEN BLOOD CENTER
64	199302083	Aditya Ramachan Dran	GURUKUL BLOOD BANK
65	199302095	Saswati Mishra	BHARADWAJ HOSPITAL
66	199302099	Arjun Vir Singh Mehta	BHARADWAJ HOSPITAL
67	199302112	Siddhesh Kataria	SDMH
68	199302119	Sej	ARPAN HINDAUN
69	199302126	Mehul Shrivstava	BHARADWAJ HOSPITAL
70	199302129	Abani Kaur Kohli	ANGRASEN BLOOD CENTER
71	199302133	Tanay Maheshwari	BHARADWAJ HOSPITAL
72	199302134	Tshuak Taneja	BHAGWAN MAHAVEER
73	199302146	Hrshit Gupta	BHARADWAJ HOSPITAL
74	199302147	Vinul James	BHARADWAJ HOSPITAL
75	199302183	Sanidhaya Sharma	ANGRASEN BLOOD CENTER
76	199302185	Ayush Arawal	KANWATIA
77	199302189	Niyati	ARMY
78	199303022	Kartik Gupta	SMS
79	199303027	Divij	ARPAN HINDAUN
80	199303044	Animesh Dhar	SMS

81	199303069	Hardik Srivastava	ANGRASEN BLOOD CENTER
82	199303076	Aaradhya Joshi	SWASTHYA KALYAN
83	199303077	Muskaan Sharma	VIDYAPATI AJMER
84	199303083	Aditya Ramachandran	ANGRASEN BLOOD CENTER
85	199303092	Avantika Raha	APEX SWASTHYA KALYAN
86	199303111	Sayon Sai Dutta	NIMS
87	199303118	Kanishk Verma	BHARADWAJ HOSPITAL
88	199303173	Ashish Bawa	APEX SWASTHYA KALYAN
89	199303174	Ritwik Malhotra	APEX SWASTHYA KALYAN
90	199303193	Shivansh Gupta	SWASTHYA KALYAN
91	171201016	Saksham Luhadia	
92	199303213	Amrit Kharbanda	APEX SWASTHYA KALYAN
93	199303214	Ishan Gupta	APEX SWASTHYA KALYAN
94	199303218	Aman Gandhi	SWASTHYA KALYAN
95	199401003	Atik Raghuvanshi	SWASTHYA KALYAN
96	199401005	Tushar Mehndiratta	MAHATMA GANDHI
97	199402009	Siddhart	BHAGWAN MAHAVEER
98	199402010	Vedant Sharma	SUMAN
99	199402030	Arya Ranjan	SWASTHYA KALYAN
100	199402083	Sanskar Sarandeep	MAHATMA GANDHI
101	199402085	Sagar Shyam	MAHATMA GANDHI
102	199402146	Harshit Gupta	APEX SWASTHYA KALYAN
103	199403022	Aanya	ARPAN HINDAUN
104	199403039	Dheerya Mehta	ARMY
105	199403045	Tanu Sundesha	BHARADWAJ HOSPITAL
106	199404039	Dheerya Mehta	APEX SWASTHYA KALYAN
107	200206139	Prem Singh	GURUKUL BLOOD BANK
108	200501016	Ishita Padha	DR. RAMPAL BLOOD CENTRE
109	200501022	Ishika Sojitra	DR. RAMPAL BLOOD CENTRE
110	200601003	Vanshika Arora	APEX SWASTHYA KALYAN
111	200601005	Manasvi Acharya	APEX SWASTHYA KALYAN
112	200603002	Dhruvi Modi	APEX SWASTHYA KALYAN
113	200606004	Nikita	NARAYANA
114	200606016	Haripriya Gupta	SDMH
115	200606017	Kamak Patidar	SDMH
116	200606022	Harnoor Kaur Dhillon	SMS
117	200801017	Lakshya Wadhwa	SMS
118	200803004	Apoorv Gupta	SWASTHYA KALYAN
119	200901009	Tanman Agarwal	JANANA
120	200901012	Jaiditya Murjani	APEX SWASTHYA KALYAN
121	200901028	Pulkit Arora	SDMH
122	200901029	Saral Daswat	JAIPURIA
123	200901033	Akshit Kothari	BHARADWAJ HOSPITAL
124	200901041	Yash Bamsral	SMS
125	200901045	Chirag Jhalani	SUMAN
126	200901050	Lakshay Rathore	SMS

127	200901067	Kushal Jain	SMS
128	200901069	Ayushman	JANANA
129	200901078	Aaryan Singh Solanki	APEX SWASTHYA KALYAN
130	200901080	Tejesvi Purohit	APEX SWASTHYA KALYAN
131	200901095	Muskan Khetrapal	APEX SWASTHYA KALYAN
132	200901116	Disha Mantri	APEX SWASTHYA KALYAN
133	200901132	Harsh Mittal	S K SONI BLOOD CENTER
134	200901144	Himanshu Nagwani	APEX SWASTHYA KALYAN
135	200901164	Pratham Kapoor	APEX SWASTHYA KALYAN
136	200901186	Charchit Taneja	APEX SWASTHYA KALYAN
137	200901196	Deepanshu Batra	APEX SWASTHYA KALYAN
138	200901205	Priyansh Jain	DR. RAMPAL BLOOD CENTRE
139	200901206	Siddhant	GURUKUL BLOOD BANK
140	200901209	Tanishq Tyagi	APEX SWASTHYA KALYAN
141	200901211	Jai Rethi	BHARADWAJ HOSPITAL
142	200901230	Bushra Khan	SDMH
143	200901251	Kunal Sooji	APEX SWASTHYA KALYAN
144	200901260	Deepanshu Kushwala	SWASTHYA KALYAN
145	200901301	Shrinath Khachariya	MAHILA CHIKITSALAYA
146	200901303	Harsh Birla	JAIPURIA
147	200902003	Umesh Khatr	ARMY
148	200902017	Sudhish Trigunayat	ARMY
149	200902018	Aishwary Kumar	NARAYANA
150	200902019	Prianshu Tandon	NARAYANA
151	200902025	Tanmay Verma	NARAYANA
152	200902030	Vishwas Khannna	NIMS
153	200903005	Shreyas Mahajan	SMS
154	200903006	Puneeth H B	ARMY
155	200903007	Kshitij Ranjan	TRAUMA
156	200903019	Divya Rawat	MAHILA CHIKITSALAYA
157	200903043	Vaibhav Daulatani	NIMS
158	200903065	Chanchal	ARMY
159	200906602	Priyanka	BHARADWAJ HOSPITAL
160	201002005	Abhinav Wadhwa	ARMY
161	201002015	Austin Mathew	ARMY
162	201003010	Shashi Anand	ANGRASEN BLOOD CENTER
163	201003011	Devendra Raj Purohit	S K SONI BLOOD CENTER
164	201004001	Rishabh Basrur	ARPAN HINDAUN
165	201005004	Mokshi Jain	ARMY
166	201005005	Sanjeev Kumar	GURUKUL BLOOD BANK
167	201005006	Priyanshu Balakhania	ARMY
168	201005008	Tamana	BHARADWAJ HOSPITAL
169	201007001	Pranavi Dns	ARMY
170	201007008	Abhishree Sadhukhan	ARMY
171	201007024	Prajwal Pathl	BHARADWAJ HOSPITAL
172	201007026	Jagruth Lingala	SWASTIK

173	201007038	Shrishti Sen	S K SONI BLOOD CENTER
174	201007039	Khushi	MAHILA CHIKITSALAYA
175	201007044	Suhani	SDMH
176	201007046	Anviksha Bisen	SDMH
177	201007068	Prince Kumar	NARAYANA
178	201015037	Amaan Ali	VIDYAPATI AJMER
179	201015038	Shrishti	BHAGWAN MAHAVEER
180	201015039	Parth Sharma	ARPAN HINDAUN
181	201015044	Shivang Sharma	SMS
182	201015048	Shree Purohit	BHAGWAN MAHAVEER
183	201015049	Madhu Bala	ARMY
184	201101016	Harsh Jain	DR. RAMPAL BLOOD CENTRE
185	201101037	Aishwarya Seth	ARMY
186	201103019	Vani Hai	ARMY
187	201103035	Divanshi Khandelwal	SWASTIK
188	201103037	Rashmi	ARMY
189	201103041	Harleen Kaur	S K SONI BLOOD CENTER
190	201103055	Gaurav Kushwaha	ARMY
191	201103056	Ananta Tickoo	S K SONI BLOOD CENTER
192	201105005	Yasha	ARMY
193	201105015	Deepti Meena	ARPAN HINDAUN
194	201106006	Abhishek Choudhary	JAIPURIA
195	201109001	Ananya Bhagirathi	ARPAN HINDAUN
196	201201032	Anukriti Singh	ARPAN HINDAUN
197	201201048	Harsh Khatri	SUMAN
198	201201050	Chanchal Sharma	SUMAN
199	201201053	Amaan Khan	APEX SWASTHYA KALYAN
200	201201072	Maitraiya Kulshreshtha	APEX SWASTHYA KALYAN
201	201201076	Riya	SUMAN
202	201201084	Prachi Dhakad	MAHATMA GANDHI
203	201301005	Kasim Patel	ARPAN HINDAUN
204	201301068	Shashank Choudhary	SWASTIK
205	201301084	Shreyaa Gautam	SWASTIK
206	201301103	Jaiprakash Joshi	GURUKUL BLOOD BANK
207	201305031	Devansh Sethi	ARPAN HINDAUN
208	201305032	Bharat Kaushik	ARPAN HINDAUN
209	201305056	Saloni Rai	ARPAN HINDAUN
210	201305063	Mihir Tripathi	BHARADWAJ HOSPITAL
211	201902042	Praveen Sirvi	MAHILA CHIKITSALAYA
212	201921508	Kamlesh	GURUKUL BLOOD BANK
213	203302515	Nava Mehta	SWASTIK
214	204180509	Abhay Sharma	ARPAN HINDAUN
215	209202024	Akashat Jain	TRAUMA
216	209202028	Jasmaine Khale	ARPAN HINDAUN
217	209202043	Sameed Ul Haq	ARPAN HINDAUN
218	209202054	Likith Vemulapalli	BHARADWAJ HOSPITAL

219	209202055	Sampath Kumar	SMS
220	209202061	Nupur Sahadev Khanna	ANGRASEN BLOOD CENTER
221	209202082	Parth Dave	GURUKUL BLOOD BANK
222	209202096	Raj Tejashwy	JAIPURIA
223	209202097	Abhishek J Patel	S K SONI BLOOD CENTER
224	209202106	Ishita Agarwal	ARPAN HINDAUN
225	209202111	Asif Roshan	SDMH
226	209202112	Lavanya Bisht	ARPAN HINDAUN
227	209202117	Vaishnavi Parihar	ARPAN HINDAUN
228	209202126	Rohan Chauhan	NIMS
229	209202153	Praneeth Maleedu	VIDYAPATI AJMER
230	209202157	Pratyush Kumar	ARPAN HINDAUN
231	209202193	Mayank Pandey	NARAYANA
232	209202196	Kumar Ayush	SDMH
233	209202197	Sandeep Kumar	ARPAN HINDAUN
234	209202211	Vishnu	SDMH
235	209202223	Udbhav Pachisia	ARPAN HINDAUN
236	209202234	Tanishq Jain	SMS
237	209205008	Moosa Faraaz	ARPAN HINDAUN
238	209205028	Soumya Chaudhary	SWASTHYA KALYAN
239	209205045	Shreyansh Sharma	ARPAN HINDAUN
240	209205055	Urmila Debnath	SWASTHYA KALYAN
241	209301033	Durlabh Pathak	ARMY
242	209301056	Ritvik Chawla	ARPAN HINDAUN
243	209301086	Urvi Dhasmana	SDMH
244	209301092	Abhigyan	GURUKUL BLOOD BANK
245	209301096	Gahan Nagpal	ARPAN HINDAUN
246	209301114	Aashish Sharma	GURUKUL BLOOD BANK
247	209301129	Saket Ahuja	ARPAN HINDAUN
248	209301139	Parth Sharma	ARPAN HINDAUN
249	209301159	Rajat Yadav	VIDYAPATI AJMER
250	209301181	Akshat Tyagi	DR. RAMPAL BLOOD CENTRE
251	209301190	Ishan	SDMH
252	209301192	Atharva Manwelikar	ARPAN HINDAUN
253	209301195	Bhavya	ARPAN HINDAUN
254	209301199	Gaurav Gogisetty	BHAGWAN MAHAVEER
255	209301203	Tanya Raj	NIMS
256	209301207	Eashaan Pratap Sin	BHAGWAN MAHAVEER
257	209301210	Arushi Sharma	SDMH
258	209301244	Dhruv	ARPAN HINDAUN
259	209301246	Aakarsh	BHAGWAN MAHAVEER
260	209301254	Dhruv Sehgal	BHAGWAN MAHAVEER
261	209301272	Nimit Banka	BHAGWAN MAHAVEER
262	209301277	Harshit Choudhary	ARMY
263	209301284	Anant Vardhan Singh	BHAGWAN MAHAVEER
264	209301327	Kushagra Singh	BHAGWAN MAHAVEER

265	209301351	Eashan Yadav	BHAGWAN MAHAVEER
266	209301352	Ridhima Gupta	BHAGWAN MAHAVEER
267	209301363	Sarthak Srivastava	KANWATIA
268	209301380	Janmey Shukla	SDMH
269	209301385	Rishi Jain	BHAGWAN MAHAVEER
270	209301395	Naman Kakroo	BHAGWAN MAHAVEER
271	209301413	Tanishaa	BHAGWAN MAHAVEER
272	209301414	Jisha Dewangan	BHAGWAN MAHAVEER
273	209301417	Karan	JAIPURIA
274	209301440	Piyush Goyal	APEX SWASTHYA KALYAN
275	209301449	Kushagra Srivastva	JAIPURIA
276	209301463	Pratik Joshi	BHAGWAN MAHAVEER
277	209301466	Adarsh Aditya	S K SONI BLOOD CENTER
278	209301472	Shanthan	BHARADWAJ HOSPITAL
279	209301484	Siya Mulge	JANANA
280	209301492	Lanka Raj	VIDYAPATI AJMER
281	209301496	Pranav Srivastav	BHAGWAN MAHAVEER
282	209301516	Arjit Srivastava	BHAGWAN MAHAVEER
283	209301524	Akansha Ghosh	BHAGWAN MAHAVEER
284	209301536	Tushar Goel	SWASTHYA KALYAN
285	209301542	Akash Sharma	GURUKUL BLOOD BANK
286	209301572	Harshit Sharma	J. K. LON
287	209301586	Devansh Tiwari	BHAGWAN MAHAVEER
288	209301590	Ankit Raj	BHAGWAN MAHAVEER
289	209301591	Arnav Adarsh	BHAGWAN MAHAVEER
290	209301600	Dipesh	SDMH
291	209301627	Manas	JAIPURIA
292	209301634	Gandhar Kalgaonkar	BHAGWAN MAHAVEER
293	209301643	Ayush Shende	SWASTHYA KALYAN
294	209302005	Shivam J Chourasia	BHAGWAN MAHAVEER
295	209302010	Sukrit Srivastava	BHAGWAN MAHAVEER
296	209302012	Krishna Dembla	SDMH
297	209302014	Ayush Malik	BHAGWAN MAHAVEER
298	209302025	Aarushi Verma	BHAGWAN MAHAVEER
299	209302029	Prayas	BHAGWAN MAHAVEER
300	209302033	Mohammad Faishal	J. K. LON
301	209302035	Bhavya	VIDYAPATI AJMER
302	209302038	Jeevanshi Bansal	BHARADWAJ HOSPITAL
303	209302042	Sarthak Raghuvanshi	BHAGWAN MAHAVEER
304	209302053	Saksham Fafriya	VIDYAPATI AJMER
305	209302069	Aum Patel	BHARADWAJ HOSPITAL
306	209302079	Parth Agarwal	BHARADWAJ HOSPITAL
307	209302080	Ankit Yadav	BHARADWAJ HOSPITAL
308	209302090	Manishi Bhatnagar	BHARADWAJ HOSPITAL
309	209302100	Mansi Singh	BHARADWAJ HOSPITAL
310	209302112	Aayush Mangal	BHARADWAJ HOSPITAL

311	209302116	Pranav Jain	J. K. LON
312	209302138	Mayank	BHAGWAN MAHAVEER
313	209302143	Mohak Thandan	NIMS
314	209302169	Divyansh Malik	SMS
315	209302177	Ayush Somani	BHAGWAN MAHAVEER
316	209302181	Sanskar Awasthi	BHARADWAJ HOSPITAL
317	209302183	Siddhart Dhaka	SDMH
318	209302196	Arshiya Zakir Hussain	BHARADWAJ HOSPITAL
319	209302222	Naavya Jain	SWASTHYA KALYAN
320	209302254	Pritish Mishra	MAHATMA GANDHI
321	209302259	Drumil Parikh	SDMH
322	209302274	Ashutosh Mishra	GURUKUL BLOOD BANK
323	209302286	Sai Bharath	SMS
324	209302290	Anentjay Siingh	BHARADWAJ HOSPITAL
325	209302298	Nimisha Giri	VIDYAPATI AJMER
326	209302304	Aditi Mungale	APEX SWASTHYA KALYAN
327	209302314	Sahil Patani	J. K. LON
328	209302321	Prakhar Goyal	EHCC
329	209302366	Aishani Malhotra	SDMH
330	209302370	Vaibhav Singh	BHARADWAJ HOSPITAL
331	209302373	Ishita Banait	ANGRASEN BLOOD CENTER
332	209302381	Onshi Sikui	ANGRASEN BLOOD CENTER
333	209302422	Hankuwar Singh	SDMH
334	209302424	Aniket Karole	BHARADWAJ HOSPITAL
335	209303002	Gantavya Jain	BHARADWAJ HOSPITAL
336	209303008	Abhijai Khanna	BHARADWAJ HOSPITAL
337	209303009	Naisha Nehla	BHARADWAJ HOSPITAL
338	209303013	Parthi	GURUKUL BLOOD BANK
339	209303027	Aryan Sharma	BHARADWAJ HOSPITAL
340	209303028	Krishmakkar	NIMS
341	209303032	Kaustubh Ratna	SMS
342	209303033	Tanay Raj	SWASTHYA KALYAN
343	209303057	Aneemesh Vidyarthi	BHARADWAJ HOSPITAL
344	209303063	Tushar Matta	NARAYANA
345	209303064	Samyak Jain	JAIPURIA
346	209303084	Yasshita	BHAGWAN MAHAVEER
347	209303087	Akash Shegde	SDMH
348	209303088	Atharva Chaudhari	BHARADWAJ HOSPITAL
349	209303089	Aryaman Singh	BHARADWAJ HOSPITAL
350	209303102	Gaurav	BHARADWAJ HOSPITAL
351	209303112	Mahek	BHARADWAJ HOSPITAL
352	209303128	Prakhar Chandrakar	ANGRASEN BLOOD CENTER
353	209303134	Srijan	TRAUMA
354	209303135	Sanket Deb	BHARADWAJ HOSPITAL
355	209303162	Khushi Srivastava	BHARADWAJ HOSPITAL
356	209303186	Shiva Narayan Ps	S K SONI BLOOD CENTER

357	209303193	Ishita Bhatia	NIMS
358	209303202	K.Praneeth	MAHATMA GANDHI
359	209303204	Divij Goyal	ARPAN HINDAUN
360	209303209	Harsha Gountu	SWASTIK
361	209303212	Akshita	BHARADWAJ HOSPITAL
362	209303214	Kshitiz Singh Rathore	SDMH
363	209303219	Prasha Sharma	BHARADWAJ HOSPITAL
364	209303220	Krishi Rijhwani	BHARADWAJ HOSPITAL
365	209303226	Meghaj Garg	ARPAN HINDAUN
366	209303236	Maruf Ahmed	ANGRASEN BLOOD CENTER
367	209303242	Surina Anoubam	ANGRASEN BLOOD CENTER
368	209303271	Rutvik Arora	SDMH
369	209303277	Dewanigi Tiwani	SMS
370	209303285	Bhuwan Tak	SWASTHYA KALYAN
371	209303293	Yash Sharma	ANGRASEN BLOOD CENTER
372	209303316	Jagdeep Singh Kohli	BHARADWAJ HOSPITAL
373	209303317	Ananya Kafola	NARAYANA
374	209303318	Aditya Raj Singh	NARAYANA
375	209303333	Nivedita Ramaesh	BHARADWAJ HOSPITAL
376	209303337	Saagar Bafna	ARMY
377	209309013	Krutika Maheshwari	BHARADWAJ HOSPITAL
378	209309016	Pranjan	TRAUMA
379	209309017	Divyansh Pareek	NARAYANA
380	209309024	Chayan Girdhar	KANWATIA
381	209309026	Vagun Babbar	J. K. LON
382	209309027	Dhruv Choudhary	SWASTIK
383	209309039	Aanya	SMS
384	209309043	Ria Mishra	SDMH
385	209309068	Kunal Malhotra	DR. RAMPAL BLOOD CENTRE
386	209309073	Dhairya Maroo	DR. RAMPAL BLOOD CENTRE
387	209309079	Gaurav Sharma	S K SONI BLOOD CENTER
388	209309089	Nikita Singh	DR. RAMPAL BLOOD CENTRE
389	209309098	Varun Jain	KANWATIA
390	209309104	Shreyansh Jain	SWASTHYA KALYAN
391	209309112	Abhinav Sharma	DR. RAMPAL BLOOD CENTRE
392	209309124	P. Naga Siddartha Reddy	DR. RAMPAL BLOOD CENTRE
393	209309126	Piyush Joshi	NIMS
394	209309128	Ankit Yadav	VIDYAPATI AJMER
395	209309130	Yash Ashar	DR. RAMPAL BLOOD CENTRE
396	209309133	Aditya Gautam	DR. RAMPAL BLOOD CENTRE
397	209309135	Avneet Singh	NARAYANA
398	209401003	Praneet Pratpsingh	ANGRASEN BLOOD CENTER
399	209401016	Arjun Raghav	DR. RAMPAL BLOOD CENTRE
400	209401017	Ishaan Singh	KANWATIA
401	209401020	Bhavya Matta	DR. RAMPAL BLOOD CENTRE
402	209402007	Pk Naveen	DR. RAMPAL BLOOD CENTRE

403	209402009	Divjyot Singh	SDMH
404	209402011	Darnit Gulati	DR. RAMPAL BLOOD CENTRE
405	209402024	Revanur Srinivas	BHARADWAJ HOSPITAL
406	209402026	Rishi Raj	VIDYAPATI AJMER
407	209402027	Neha Verma	BHARADWAJ HOSPITAL
408	209402034	Saurav Payal	ANGRASEN BLOOD CENTER
409	209402037	Apar Gupta	BHAGWAN MAHAVEER
410	209402048	Piyush Kumar Mishra	SWASTHYA KALYAN
411	209402052	Shaik Omar Farooq	DR. RAMPAL BLOOD CENTRE
412	209403004	Sanyam Dheer	DR. RAMPAL BLOOD CENTRE
413	209403014	Aryan Bhatia	DR. RAMPAL BLOOD CENTRE
414	209403018	Aaresh Rajawat	DR. RAMPAL BLOOD CENTRE
415	209403025	Akshvin K Singhal	SDMH
416	209403038	Lalith Bhasaran	NIMS
417	209403042	Amogh	GURUKUL BLOOD BANK
418	209403046	Pulkit Gupta	NIMS
419	209403056	Pallawi Kaushik	DR. RAMPAL BLOOD CENTRE
420	209403059	Sahil Singh	DR. RAMPAL BLOOD CENTRE
421	209403064	Sarah Butane	S K SONI BLOOD CENTER
422	209403065	Ananmaya Rasalkar	SWASTIK
423	209403068	Dhruv Desai	DR. RAMPAL BLOOD CENTRE
424	209403069	Chintha Naga Bramha Reddy	DR. RAMPAL BLOOD CENTRE
425	209403070	Arjun Rana	NIMS
426	209403071	Shivam Kamerkir	VIDYAPATI AJMER
427	210501001	Anahita Choudhary	JANANA
428	210501013	Khushi Chaudhari	JANANA
429	210501015	Aishmeen Kaur	NARAYANA
430	210501018	Anika Agarwal	SMS
431	210601003	Jagrati Jain	DR. RAMPAL BLOOD CENTRE
432	210606011	Kartik Totila	VIDYAPATI AJMER
433	210606012	Shreshtha	MAHILA CHIKITSALAYA
434	210606023	Sejal Sharma	DR. RAMPAL BLOOD CENTRE
435	210606036	Hriday Singh	DR. RAMPAL BLOOD CENTRE
436	210701071	Rushink	JANANA
437	210801005	Gautam Pratp Singh	SUMAN
438	210801007	Khushi Bajoria	EHCC
439	210801008	Akhya Upadhya	MAHATMA GANDHI
440	210801009	Shubham Kochar	EHCC
441	210801011	Rituraj Singh Bhati	ANGRASEN BLOOD CENTER
442	210801012	Palak Jaiswal	S K SONI BLOOD CENTER
443	210801015	Arvind Singh	SUMAN
444	210801016	Vikas Mahawar	S K SONI BLOOD CENTER
445	210801019	Arnnie Khanna	EHCC
446	210801020	Amber Jadun	ANGRASEN BLOOD CENTER
447	210801028	Alvin K Pappachan	MAHATMA GANDHI
448	210801031	Shouryaver	ARPAN HINDAUN

449	210901010	Mehak Arya	JAIPURIA
450	210901018	Pratham Choudhary	EHCC
451	210901019	Rudraksh Parak	TRAUMA
452	210901050	Aastha Mathur	KANWATIA
453	210901056	Shiv Garg	SWASTHYA KALYAN
454	210901064	Devaansh Jain	MAHATMA GANDHI
455	210901081	Gautmi Rathore	EHCC
456	210901085	Abhinav Kumar	EHCC
457	210901087	Prem Jain	EHCC
458	210901093	Rudraksh Saruparia	EHCC
459	210901112	Tejaswini Joshi	EHCC
460	210901118	Manan Vyas	J. K. LON
461	210901126	Mayuri Shanta	S K SONI BLOOD CENTER
462	210901131	Lokesh Sharma	TRAUMA
463	210901138	Maivya Saini	S K SONI BLOOD CENTER
464	210901140	Bhoomi Lodha	MAHILA CHIKITSALAYA
465	210901154	Loukik Chhajjer	EHCC
466	210901163	Manav Sankhla	MAHILA CHIKITSALAYA
467	210901172	Parth Nagpal	EHCC
468	210901176	Pulkit Jain	APEX SWASTHYA KALYAN
469	210901177	Swapnil Kalyan	BHARADWAJ HOSPITAL
470	210901184	Nihal	BHARADWAJ HOSPITAL
471	210901201	Divyanshu Patodia	SUMAN
472	210901202	Hridyansh	BHAGWAN MAHAVEER
473	210901204	Akshat Mujawdiya	EHCC
474	210901215	Dhruv Goyal	VIDYAPATI AJMER
475	210901220	Anushka Tiwari	DR. RAMPAL BLOOD CENTRE
476	210901231	Sanyogeeta Sahoo	S K SONI BLOOD CENTER
477	210901234	Aditi	MAHILA CHIKITSALAYA
478	210901239	Aditya Gupta	MAHILA CHIKITSALAYA
479	210901243	Jaismeen	BHARADWAJ HOSPITAL
480	210901245	Yash Vardhan Malik	SUMAN
481	210901250	Gaurav Suvariya	SDMH
482	210901269	Ujjwal Choudhary	EHCC
483	210901272	Nakshatra Tankra	J. K. LON
484	210901279	Geetika Sharma	SUMAN
485	210901284	Ayush	DR. RAMPAL BLOOD CENTRE
486	210901291	Rachit Chittora	EHCC
487	210901292	Saksham Agarwal	EHCC
488	210901301	Gunjan Gaheja	EHCC
489	210901317	Pranav Agarwal	KANWATIA
490	210901322	Ahmed Kabir	MAHILA CHIKITSALAYA
491	210901328	Harsh Agarwal	ANGRASEN BLOOD CENTER
492	210901335	Bhumika Chaudhary	EHCC
493	210901337	Kaveri Khandelwal	VIDYAPATI AJMER
494	210901338	Daksh Agarwal	SMS

495	210901341	Kanika Mahajan	VIDYAPATI AJMER
496	210901357	Vishal Agarwal	EHCC
497	210901358	Anuj Kandoi	GURUKUL BLOOD BANK
498	210902001	Mayank Khandelwal	SWASTIK
499	210902017	Tilak Viashnav	VIDYAPATI AJMER
500	210902023	Lakhan Lohia	BHARADWAJ HOSPITAL
501	210902032	Manan Bansal	SWASTIK
502	210902036	Arpit	GURUKUL BLOOD BANK
503	210902037	Sahil Khandelwal	GURUKUL BLOOD BANK
504	210902042	Praveen Sirvi	GURUKUL BLOOD BANK
505	210902048	Parul Tunwal	MAHILA CHIKITSALAYA
506	210903002	Aaron Joseph	GURUKUL BLOOD BANK
507	210903008	Rishabh Mantri	GURUKUL BLOOD BANK
508	210903011	Tanisha Doshi	GURUKUL BLOOD BANK
509	210903013	Sharat Salel	JAIPURIA
510	210903014	Sparsh Saxena	GURUKUL BLOOD BANK
511	210903015	Harsh Bansal	GURUKUL BLOOD BANK
512	210903029	Sarthak Anand	MAHILA CHIKITSALAYA
513	210903044	Yash Kapoor	GURUKUL BLOOD BANK
514	210903048	Purav Bhayana	SWASTIK
515	210903054	Neeraj Jangid	BHARADWAJ HOSPITAL
516	210903056	Kartik Khatri	SWASTIK
517	210903072	Pragya Jain	GURUKUL BLOOD BANK
518	210903076	Palak Agarwal	GURUKUL BLOOD BANK
519	210903078	Varsha Agrawal	GURUKUL BLOOD BANK
520	210903086	Rishik Saraf	JANANA
521	210903087	Ansh Garg	SWASTIK
522	210903099	Ridha Fathima	SDMH
523	211002001	Nimisha Nambiar	SWASTHYA KALYAN
524	211002011	Anvarshu Gopal	GURUKUL BLOOD BANK
525	211002019	Nikhil Jangid	GURUKUL BLOOD BANK
526	211002024	Vani Bali	GURUKUL BLOOD BANK
527	211002034	Vani Bali	S K SONI BLOOD CENTER
528	211002044	Prathishta Singh	SWASTHYA KALYAN
529	211002062	Suhani Pareek	GURUKUL BLOOD BANK
530	211003011	Harshita	SUMAN
531	211004006	Khusi Varma	SDMH
532	211005003	Anurag Diwaker	BHARADWAJ HOSPITAL
533	211005018	Yejur Sharma	BHARADWAJ HOSPITAL
534	211006004	Sohampreet Nath	ANGRASEN BLOOD CENTER
535	211007008	Trishita	JAIPURIA
536	211007026	Kashish Zalani	APEX SWASTHYA KALYAN
537	211007028	Abhay Dadich	SDMH
538	211007032	Heeposh	GURUKUL BLOOD BANK
539	211007035	Aditya	KANWATIA
540	211007042	Himanshi Punjabi	GURUKUL BLOOD BANK

541	211007056	Raunish	SDMH
542	211007067	Ishika Jaiswal	GURUKUL BLOOD BANK
543	211007071	Anuja Poa	SDMH
544	211007080	Kanika Sharma	GURUKUL BLOOD BANK
545	211013001	Anuj Mehta	SMS
546	211014005	Pragati Singh	SDMH
547	211014009	Shivam	TRAUMA
548	211015004	Aditi Bendre	KANWATIA
549	211015017	Roopak Mallik	BHAGWAN MAHAVEER
550	211015022	Aryan Pranami	MAHILA CHIKITSALAYA
551	211015023	Yogesh Chandri	SWASTIK
552	211015031	Namish Tuli	ARPAN HINDAUN
553	211015057	Rahul Choudhary	GURUKUL BLOOD BANK
554	211015077	Muskan Goyal	VIDYAPATI AJMER
555	211015080	Aman Yadav	VIDYAPATI AJMER
556	211015092	Manya Sharma	GURUKUL BLOOD BANK
557	211016001	Muskan Singh	NARAYANA
558	211016002	Aditi Mishra	GURUKUL BLOOD BANK
559	211016042	Maitri Thakkar	NIMS
560	211016045	Aditi Bhattad	J. K. LON
561	211016077	Gazal Poddar	J. K. LON
562	211016078	Divya Belwal	VIDYAPATI AJMER
563	211051008	Divya Sharma	MAHATMA GANDHI
564	211051010	Swami Nisha Bhagirath	ANGRASEN BLOOD CENTER
565	211051037	Nancy Rajgadia	SWASTHYA KALYAN
566	211051044	Ankita Doi	J. K. LON
567	211101006	Shivangi Kapoor	J. K. LON
568	211101015	Sumriddhi	J. K. LON
569	211101042	Praseeda	J. K. LON
570	211103006	Srishti Malhotra	J. K. LON
571	211103009	Meghna	VIDYAPATI AJMER
572	211103018	Darshita Daga	J. K. LON
573	211103029	Duhita Saxena	J. K. LON
574	211103032	Pari Lalwani	J. K. LON
575	211103034	Aastha Mehra	MAHATMA GANDHI
576	211103054	Aryan Mahto	BHARADWAJ HOSPITAL
577	211103059	Aditi	VIDYAPATI AJMER
578	211103064	Mansi Choudhary	VIDYAPATI AJMER
579	211103070	Diya Mehta	JAIPURIA
580	211103077	Sanmai Pathak	J. K. LON
581	211103088	Aviral Singhal	J. K. LON
582	211103095	Mantaj Brar	S K SONI BLOOD CENTER
583	211103103	Radhika Khandelwal	MAHILA CHIKITSALAYA
584	211201006	Vishnu Banka	BHARADWAJ HOSPITAL
585	211201014	Gopal Shrivastava	SDMH
586	211201019	Riddhi Pawar	SWASTIK

587	211201033	Shruti Mohanty	J. K. LON
588	211201038	Hrithik Goyal	NARAYANA
589	211201059	Madhav Methi	EHCC
590	211201064	Riddhi Daga	EHCC
591	211201067	Aadya Chatterjee	J. K. LON
592	211201068	Reet	GURUKUL BLOOD BANK
593	211201069	Parth Khadolia	SWASTHYA KALYAN
594	211201075	Rajeev Jangid	ARPAN HINDAUN
595	211201082	Barkha Madaan	J. K. LON
596	211301048	Lakshit	JANANA
597	211301075	Uddhav Raj Shaktawat	SWASTIK
598	211301103	Sunil Mehriya	TRAUMA
599	211305007	Aditya Anand Mishra	VIDYAPATI AJMER
600	211305013	Varshav Rao	SWASTIK
601	211305015	Lakshay Jain	SWASTIK
602	211305037	Hitesh Poonia	J. K. LON
603	211305056	Shouryajeet Malik	JAIPURIA
604	219101007	Chirayu Agrawal	J. K. LON
605	219102002	Prince Kumar	S K SONI BLOOD CENTER
606	219102005	Harshit Gothwal	APEX SWASTHYA KALYAN
607	219102006	Parth Jain	BHARADWAJ HOSPITAL
608	219102016	Mayank Chaudhary	ANGRASEN BLOOD CENTER
609	219107001	Mohd. Kaif	SWASTHYA KALYAN
610	219107004	Nitesh Kumawat	MAHATMA GANDHI
611	219202002	Naman Toshniwal	J. K. LON
612	219202005	Hemant Soni	J. K. LON
613	219202008	Tapas Sharma	J. K. LON
614	219202011	Kunal Kapoor	MAHATMA GANDHI
615	219202014	Lakshmi	SMS
616	219202018	Shubham Raj	J. K. LON
617	219202021	Pavan Kumar	SMS
618	219202033	Amit Sharma	DR. RAMPAL BLOOD CENTRE
619	219202039	Pratik Patil	J. K. LON
620	219202041	Akriti Pradhan	MAHATMA GANDHI
621	219202049	Pukhraj Singh	KANWATIA
622	219202053	Vaibhav Nagpal	DR. RAMPAL BLOOD CENTRE
623	219203031	Ashwin Paul	SDMH
624	219209011	Wasif Saifi	SDMH
625	219209014	Manas Panday	GURUKUL BLOOD BANK
626	219209023	Jaswant Singh	J. K. LON
627	219301008	Isha Goyal	BHAGWAN MAHAVEER
628	219301014	Kanishq	SMS
629	219301023	Nishuth Bhooshan	SDMH
630	219301046	Niranjana Das	J. K. LON
631	219301065	Mahi Sharma	GURUKUL BLOOD BANK
632	219301070	Aditi Soni	J. K. LON

633	219301071	Tisha Kaushik	J. K. LON
634	219301082	Himanshu Dabas	JAIPURIA
635	219301085	Rahul Kumar Sahu	MAHATMA GANDHI
636	219301087	Sam Selvaraj	JAIPURIA
637	219301100	Anant Choudhary	SWASTIK
638	219301101	Rishi K Mehta	NARAYANA
639	219301105	Mohit Yadav	BHARADWAJ HOSPITAL
640	219301112	Sandhya Khandelwal	JAIPURIA
641	219301126	Chinmey Jain	JAIPURIA
642	219301128	Jasveer Dewasi	S K SONI BLOOD CENTER
643	219301138	Ayush Srivastava	JAIPURIA
644	219301146	Armaan Yadav	ANGRASEN BLOOD CENTER
645	219301151	Lakshit Sahdev	DR. RAMPAL BLOOD CENTRE
646	219301153	Vaibhav Kumar Goel	JAIPURIA
647	219301161	Fareeha Mullah	SDMH
648	219301169	Shubh	SWASTIK
649	219301185	Ayam Kaushik	JAIPURIA
650	219301208	Divyansh	JAIPURIA
651	219301216	Arnav Singhal	JAIPURIA
652	219301225	Abhi Thakur	TRAUMA
653	219301227	Abraham V George	JAIPURIA
654	219301235	Pratham Hariani	JAIPURIA
655	219301245	Aditya Garg	SWASTHYA KALYAN
656	219301257	Shekhar Pilania	JAIPURIA
657	219301268	Prabhath Varma	BHAGWAN MAHAVEER
658	219301272	Mohit Gupta	JAIPURIA
659	219301283	Sarthak Singh	JAIPURIA
660	219301284	Himanshu Paintola	MAHATMA GANDHI
661	219301299	Tanay Shah	ARMY
662	219301305	Mannat Arora	ARPAN HINDAUN
663	219301317	Ayush	JAIPURIA
664	219301342	Joy Brar	JAIPURIA
665	219301354	Akshit Pareek	JAIPURIA
666	219301361	Aditya Jain	JAIPURIA
667	219301388	Madhur Dhingra	JAIPURIA
668	219301395	Ritvik Agrawal	JANANA
669	219301396	Aanand Raghav Chaudhary	APEX SWASTHYA KALYAN
670	219301423	Chirag Paul	JAIPURIA
671	219301444	Anurag Upadhyay	APEX SWASTHYA KALYAN
672	219301449	Tarush Batra	JAIPURIA
673	219301453	Yuvraj Vasudeva	JAIPURIA
674	219301473	Anshuman	APEX SWASTHYA KALYAN
675	219301476	Akarsh Verma	APEX SWASTHYA KALYAN
676	219301493	Nandini Sinha	JANANA
677	219301495	Aniket Sharma	MAHATMA GANDHI
678	219301497	Arnav Singh	SMS

679	219301498	Harsh Daruka	JANANA
680	219301503	Darshanbaingani	MAHATMA GANDHI
681	219301505	Prerit Jain	JANANA
682	219301509	Dev Shalinkumar Agrawal	NARAYANA
683	219301514	Srivaishnavi	SDMH
684	219301516	Manya Jain	JANANA
685	219301533	Ayush Shah	JANANA
686	219301545	Ansh Batla	GURUKUL BLOOD BANK
687	219301551	Veda Rathod	JANANA
688	219301554	Pakhuri Piploni	NARAYANA
689	219301566	Ananya Sharma	JANANA
690	219301597	Sumit Kumar	JANANA
691	219301607	Shreyas Cv	JANANA
692	219301614	Aarmensinghlodhi	JANANA
693	219301629	Jay Vasant Dholaria	ARPAN HINDAUN
694	219301630	Arnav Rishi Raj	JANANA
695	219301638	Samarth Singh	BHARADWAJ HOSPITAL
696	219301642	Nachiketa Jha	S K SONI BLOOD CENTER
697	219301645	Anmol Singh Gill	JANANA
698	219301656	Sidak Taneja	S K SONI BLOOD CENTER
699	219301657	Himaanshu Sharma	JANANA
700	219301659	Tanmay Kaushik	MAHATMA GANDHI
701	219301670	Tapan Acharya	APEX SWASTHYA KALYAN
702	219301675	Palak Raghuvanshi	JANANA
703	219301687	Naman Sharma	S K SONI BLOOD CENTER
704	219301701	Nitin Goyal	SDMH
705	219301706	Vasvi Garg	JANANA
706	219301709	Abhivandya Abhiram	MAHATMA GANDHI
707	219301734	Bhavy Chaudhry	VIDYAPATI AJMER
708	219301736	Ankita Kansra	MAHATMA GANDHI
709	219301738	Harsh Sharma	JANANA
710	219301743	Prisha Tated	JANANA
711	219301755	Zeeshan Shaikh	JANANA
712	219301769	Isha Gupta	EHCC
713	219301772	Dhruv Chajjed	BHAGWAN MAHAVEER
714	219302001	Karnika Gupta	BHARADWAJ HOSPITAL
715	219302010	Vitesh Saini	JANANA
716	219302018	Hiten Gehlot	BHARADWAJ HOSPITAL
717	219302025	Shukanya Singh	J. K. LON
718	219302029	Kashish Bisht	J. K. LON
719	219302040	Ansh Bansal	JANANA
720	219302043	Devansh Sharma	JANANA
721	219302047	Aastha Tandon	JANANA
722	219302049	Rashi Agarwal	BHARADWAJ HOSPITAL
723	219302055	Aayush Shrivastava	ARPAN HINDAUN
724	219302056	Harsh Pratap Singh	JANANA

725	219302066	Purvanshi Goyal	JANANA
726	219302070	Amisha Singh	JANANA
727	219302078	Hardik Saraswat	JANANA
728	219302080	Nikshith	BHAGWAN MAHAVEER
729	219302109	Tanisha Rana	MAHILA CHIKITSALAYA
730	219302117	Shubhi Talati	VIDYAPATI AJMER
731	219302124	Lakshya Sharma	JANANA
732	219302125	Harshit Rao	KANWATIA
733	219302142	Neel Tomar	JANANA
734	219302157	Deependra Singh	JANANA
735	219302159	Vikram Kumar	KANWATIA
736	219302162	Kushi Sharma	MAHILA CHIKITSALAYA
737	219302168	Prasanta Ghosh	KANWATIA
738	219302182	Krish Patel	MAHILA CHIKITSALAYA
739	219302186	Pranjal Sharma	KANWATIA
740	219302191	Kanishq Gandharv	S K SONI BLOOD CENTER
741	219302198	Gautam Vhalve	S K SONI BLOOD CENTER
742	219302203	Shreyas Jain	BHARADWAJ HOSPITAL
743	219302211	Kushagra Srivastava	MAHATMA GANDHI
744	219302223	Prakhar Gupta	SDMH
745	219302224	Pratham	KANWATIA
746	219302232	Mahir Rohatgi	KANWATIA
747	219302235	Prakhar Goel	KANWATIA
748	219302236	Atik Raghuvanshi	APEX SWASTHYA KALYAN
749	219302242	Advika Shah	SWASTHYA KALYAN
750	219302243	Anshveer Singh	TRAUMA
751	219302247	Arpit Singh Gautam	SDMH
752	219302252	Varada Mantrawadi	JAIPURIA
753	219302271	Tushar Soni	SDMH
754	219302286	Vaibhav	KANWATIA
755	219302291	Ananya Sharma	ANGRASEN BLOOD CENTER
756	219302302	Aditya Nambiar	S K SONI BLOOD CENTER
757	219302307	Tanishq Rakesh Vijay	KANWATIA
758	219302323	Abhishek Bartake	KANWATIA
759	219302330	Atul Raj Sharma	SWASTHYA KALYAN
760	219302339	Anushka Saxena	KANWATIA
761	219302340	Mohan Krishan Tandon	KANWATIA
762	219302347	Bhavya	JAIPURIA
763	219302359	Shaik Chashur	KANWATIA
764	219302375	Manya	SDMH
765	219302387	Siddhant Singh	TRAUMA
766	219302391	Utkarsh Chaurasia	SDMH
767	219302408	Shivansh Tyagi	GURUKUL BLOOD BANK
768	219302417	Vishnu Aggarwaj	GURUKUL BLOOD BANK
769	219302421	Bhavin	SDMH
770	219302439	Shashwat Pal	KANWATIA

771	219302443	Pratyaksh	BHARADWAJ HOSPITAL
772	219302457	Aditya Raj	KANWATIA
773	219302458	Saksham Jain	SMS
774	219302462	Mehul Nahata	KANWATIA
775	219302480	Damandeep Singh	KANWATIA
776	219302484	Jairam Subhash	KANWATIA
777	219302487	Ananya Chandraker	KANWATIA
778	219302501	Manish Kumar	KANWATIA
779	219302502	Rajit Kanungo	TRAUMA
780	219303011	Atin Jain	KANWATIA
781	219303022	Aryan	BHARADWAJ HOSPITAL
782	219303028	Tushar Mishra	S K SONI BLOOD CENTER
783	219303030	Raghav Jaiswal	KANWATIA
784	219303036	Lakshay Kanodia	SWASTHYA KALYAN
785	219303060	Kaushik Saha	DR. RAMPAL BLOOD CENTRE
786	219303069	Devika Raja	KANWATIA
787	219303077	Sankalp Misra	NARAYANA
788	219303090	Arunim Sureka	GURUKUL BLOOD BANK
789	219303091	Vishal K.S.	S K SONI BLOOD CENTER
790	219303101	Pesala Sankari Vibha Samsrita	MAHATMA GANDHI
791	219303105	Arsh Joshi	MAHATMA GANDHI
792	219303108	Ananya Dubey	MAHATMA GANDHI
793	219303126	Divyanshee Saxena	MAHATMA GANDHI
794	219303131	Rohan Dalve	MAHATMA GANDHI
795	219303134	Swastik Vaish	MAHATMA GANDHI
796	219303153	Aabhas Tanay	MAHATMA GANDHI
797	219303168	Harshvardhan Singh	MAHATMA GANDHI
798	219303171	Aryan Goel	MAHATMA GANDHI
799	219303173	Diljot Singh	BHAGWAN MAHAVEER
800	219303175	Shoham Lal	MAHATMA GANDHI
801	219303180	Akshat Choudhary	SMS
802	219303184	Vardhi Chandra	S K SONI BLOOD CENTER
803	219303195	Parth Shrotiya	S K SONI BLOOD CENTER
804	219303203	Ankit Godara	APEX SWASTHYA KALYAN
805	219303211	Konaark Kataria	SMS
806	219303215	Abhinav Gupta	APEX SWASTHYA KALYAN
807	219303231	Mohit	BHARADWAJ HOSPITAL
808	219303234	Harshit Pandey	MAHATMA GANDHI
809	219309007	Pranv Bajaj	DR. RAMPAL BLOOD CENTRE
810	219309016	Gunjan Tanwar	MAHATMA GANDHI
811	219309018	Tamaghna Mohanty	MAHATMA GANDHI
812	219309030	Khushi Rathi	ANGRASEN BLOOD CENTER
813	219309032	Bhavya Khot	S K SONI BLOOD CENTER
814	219309043	Jatin	ARPAN HINDAUN
815	219309047	Pranav Saini	MAHATMA GANDHI
816	219309050	Priyanshu	MAHATMA GANDHI

817	219309057	Varun Mandloi	MAHATMA GANDHI
818	219309064	Deivyansh Singh	MAHATMA GANDHI
819	219309085	Bhavya Singh	GURUKUL BLOOD BANK
820	219309094	Onshu	MAHATMA GANDHI
821	219309099	Poojasri Inagala	MAHATMA GANDHI
822	219309102	Ketan Singh	S K SONI BLOOD CENTER
823	219309105	Aryan Sharma	SUMAN
824	219309107	Rishabh Rao	SMS
825	219309114	Vitika Vura	BHARADWAJ HOSPITAL
826	219309115	Aakarsh Shrivastava	MAHATMA GANDHI
827	219309120	D.Sinega	MAHATMA GANDHI
828	219309124	Aryan Kadam	SMS
829	219309126	Priyal Jain	J. K. LON
830	219309132	Manideep	MAHATMA GANDHI
831	219309141	Divyansh Singhal	ANGRASEN BLOOD CENTER
832	219309154	Priyanshu	ARPAN HINDAUN
833	219309160	Parisa Maggon	MAHATMA GANDHI
834	219309394	Onsha	SDMH
835	219310001	Rishi Gaur	MAHATMA GANDHI
836	219310012	Yash Tewari	MAHATMA GANDHI
837	219310029	Sanjeevan Kaluskar	MAHATMA GANDHI
838	219310030	Phanideep Kunisetty	MAHILA CHIKITSALAYA
839	219310033	Kushagra Mathur	MAHILA CHIKITSALAYA
840	219310036	Shreya	ARPAN HINDAUN
841	219310063	N.Nikhil	VIDYAPATI AJMER
842	219310084	Dania Ojha	VIDYAPATI AJMER
843	219310085	Jatin Acharya	MAHILA CHIKITSALAYA
844	219310086	Pratyush Jain	MAHILA CHIKITSALAYA
845	219310095	Lakshya Sharma	MAHILA CHIKITSALAYA
846	219310123	Chirag Chetwab	DR. RAMPAL BLOOD CENTRE
847	219310125	Eeshaan Sharma	MAHILA CHIKITSALAYA
848	219310130	Lakshya Baveja	SDMH
849	219310133	Pranjal	DR. RAMPAL BLOOD CENTRE
850	219310136	Arnav Bhalla	APEX SWASTHYA KALYAN
851	219310141	Devansh Singh	EHCC
852	219310144	Aditya Kumar Sinha	J. K. LON
853	219310146	Yoshe Vijay	MAHILA CHIKITSALAYA
854	219310160	Parth Sahni	BHARADWAJ HOSPITAL
855	219310172	Kranthi Kiran	MAHILA CHIKITSALAYA
856	219310175	Rahul Arora	MAHILA CHIKITSALAYA
857	219310179	Sarthak Khandekar	MAHILA CHIKITSALAYA
858	219310180	Harshit Shah	MAHILA CHIKITSALAYA
859	219310186	Tanash Sultania	S K SONI BLOOD CENTER
860	219310189	Shivindra Goenka	DR. RAMPAL BLOOD CENTRE
861	219310194	Rahul Relhan	MAHILA CHIKITSALAYA
862	219310198	Kelvin Job	NARAYANA

863	219310201	Tisha Chawla	MAHILA CHIKITSALAYA
864	219310203	T.V Ashrith	SDMH
865	219310205	Arul Bahl	VIDYAPATI AJMER
866	219310206	Sameer Madhav	DR. RAMPAL BLOOD CENTRE
867	219310207	Lalitha	MAHILA CHIKITSALAYA
868	219310215	Satvik Shaurya Singh	MAHILA CHIKITSALAYA
869	219310220	Karthik Sri	ARPAN HINDAUN
870	219310242	Utkarsh Utsav	APEX SWASTHYA KALYAN
871	219310243	Rtwik Nambiar	MAHILA CHIKITSALAYA
872	219310247	Lakshya Tulsiani	VIDYAPATI AJMER
873	219310251	Anuneet Rastugi	GURUKUL BLOOD BANK
874	219310261	Ananya Bhardwaj	JANANA
875	219310264	Chinmay Gupta	J. K. LON
876	219310285	Yuvraj Chawla	JANANA
877	219310299	Aishwarya Basliyal	S K SONI BLOOD CENTER
878	219310305	Amith Antony John	J. K. LON
879	219310312	Divit Pahl	S K SONI BLOOD CENTER
880	219310329	Lahit Agarwal	MAHATMA GANDHI
881	219310336	Chinmay Mulay	MAHILA CHIKITSALAYA
882	219311002	Vemulakonda Venkatesh	MAHILA CHIKITSALAYA
883	219311003	Aayam Bhura	GURUKUL BLOOD BANK
884	219311006	Mayank Shekhar Pal	MAHILA CHIKITSALAYA
885	219311022	Devendra Kumar	NIMS
886	219311035	Jay Jain	MAHILA CHIKITSALAYA
887	219311039	Tanish Pokhale	BHARADWAJ HOSPITAL
888	219311045	Srishti Nagpal	MAHILA CHIKITSALAYA
889	219311055	Kushal Dubey	APEX SWASTHYA KALYAN
890	219311078	Radhey Sharma	APEX SWASTHYA KALYAN
891	219311088	Akshat Mukund	DR. RAMPAL BLOOD CENTRE
892	219311089	Tanish Koun	SWASTHYA KALYAN
893	219311096	Priyanshu Shekar	SWASTHYA KALYAN
894	219311118	Riya Pasal	VIDYAPATI AJMER
895	219311122	Upthala Pranay	GURUKUL BLOOD BANK
896	219311131	Nilanshi Jain	SMS
897	219311137	Aryan Sadana	GURUKUL BLOOD BANK
898	219311142	Tushar Singh	SMS
899	219311147	Sakshi Kulkarni	MAHILA CHIKITSALAYA
900	219311148	Piyush Chouhan	S K SONI BLOOD CENTER
901	219311167	Abhimanyu	ARPAN HINDAUN
902	219311170	Om Utsav	SWASTHYA KALYAN
903	219311171	Aditi Singhal Parihar	APEX SWASTHYA KALYAN
904	219311175	Naman Bhatia	VIDYAPATI AJMER
905	219311176	Rohan	SMS
906	219311179	Yuvraj Singh	APEX SWASTHYA KALYAN
907	219311186	Shrey Sharma	DR. RAMPAL BLOOD CENTRE
908	219311190	Anjali Kaushik	ANGRASEN BLOOD CENTER

909	219311195	Atharv	VIDYAPATI AJMER
910	219311196	Arnav Chauby	BHAGWAN MAHAVEER
911	219311209	Harshit Singhal	APEX SWASTHYA KALYAN
912	219311221	Anisha Dhamania	BHAGWAN MAHAVEER
913	219311240	Borra Suhaas	MAHILA CHIKITSALAYA
914	219311253	Shubham Mehta	J. K. LON
915	219311264	Manu Kabri	SMS
916	219311265	Vinti Garg	BHAGWAN MAHAVEER
917	219311270	Yash Gautam	NARAYANA
918	219311273	Priyank Vashisht	SDMH
919	219311283	Vinit Bhole	MAHATMA GANDHI
920	219311295	Keshav Gupta	NARAYANA
921	219311299	Rohaan Jha	APEX SWASTHYA KALYAN
922	219311321	Vaibhav Yadav	NARAYANA
923	219319299	Aishwarya Basliyal	NARAYANA
924	219401001	Pranith	BHARADWAJ HOSPITAL
925	219401008	Navneet Aradhya	NARAYANA
926	219401009	Saikiran Reddy	GURUKUL BLOOD BANK
927	219401011	Ashish Kumar	NARAYANA
928	219402008	Arnav Arora	SWASTIK
929	219403001	Vinith T.T.	BHARADWAJ HOSPITAL
930	219403004	Darshil Galaiya	NARAYANA
931	219403011	Prathit Deshpande	SDMH
932	219403013	Chirayu Garg	SWASTHYA KALYAN
933	219403023	Divgyanshi Kumar	ANGRASEN BLOOD CENTER
934	219403028	Aleena	SDMH
935	219403029	Kshipa	ARPAN HINDAUN
936	219403030	Rupansh Goyal	NARAYANA
937	219403031	Ashwin Paul Aldrine	NARAYANA
938	220310337	Medini Budhalakoti	SWASTIK
939	220601013	Vrinda Maheshwari	MAHATMA GANDHI
940	220606027	Vishal Jain	NARAYANA
941	220606044	Ayushi Rathi	NARAYANA
942	220701007	Divyansh Jain	NARAYANA
943	220701010	Varhika Malik	SUMAN
944	220701017	Abhinav Jain	NIMS
945	220701020	Jai Jain	NIMS
946	220701031	Rohan Pingle	SDMH
947	220701048	Kanika Rathi	SMS
948	220701053	Adhiraj Katal	NARAYANA
949	220701069	Geetanshu Kumar Agarwal	SWASTIK
950	220701075	Mansi Chaturvedi	NARAYANA
951	220701085	Vanshaj Sharma	SWASTIK
952	220801003	Mehma Singh	BHAGWAN MAHAVEER
953	220801005	Rakshita Verma	BHAGWAN MAHAVEER
954	220801008	Shivam Jaiswal	ARPAN HINDAUN

955	220801009	Abhijeet Arora	SDMH
956	220801010	Dhananjay Singh	NARAYANA
957	220801025	Arushi Rathore	NARAYANA
958	220901004	Sahil Panchotiya	NARAYANA
959	220901005	Dalsaniya Shyam	NARAYANA
960	220901008	Sam	VIDYAPATI AJMER
961	220901012	Arihant Sain	DR. RAMPAL BLOOD CENTRE
962	220901019	Richa Hazariwal	SUMAN
963	220901026	Sparsh Agarwal	NARAYANA
964	220901033	Aditya	MAHATMA GANDHI
965	220901043	Ridhi Agarwal	NIMS
966	220901053	Meet Chouhan	SDMH
967	220901062	Harsh Soni	NARAYANA
968	220901077	Rishika Bhatara	NARAYANA
969	220901079	Shreyansh Khandal	NARAYANA
970	220901086	Viraj Malik	DR. RAMPAL BLOOD CENTRE
971	220901087	Adhiraj	ANGRASEN BLOOD CENTER
972	220901088	Khushi Dayalani	NARAYANA
973	220901101	Sohit Sharma	JAIPURIA
974	220901114	Tanishk Agrawa	NARAYANA
975	220901119	Aastha Tandon	NARAYANA
976	220901145	Sanidhya Ratnawat	TRAUMA
977	220901159	Arshad Khan	NIMS
978	220901169	Ansh Agarwal	S K SONI BLOOD CENTER
979	220901182	Krishna Wadhvani	ARPAN HINDAUN
980	220901186	Ansh Saraswat	SWASTIK
981	220901195	Chandra Shekhar Jha	NIMS
982	220901203	Ranveer Sharma	NIMS
983	220901233	Jatin Singh	NIMS
984	220901235	Madhav Gehlot	SDMH
985	220901273	Gaurang Jain	NIMS
986	220901277	Prasan Goyal	NIMS
987	220901279	Mehul Rajvanshi Garg	NIMS
988	220901280	Jay Vardhan Singh	NIMS
989	220901281	Vaibhav Bhootra	NIMS
990	220901284	Manish Yadav	ARPAN HINDAUN
991	220901297	Lakshya Agarwal	BHARADWAJ HOSPITAL
992	220901298	Divyansh Ghiya	NIMS
993	220901299	Anushka Singh	BHAGWAN MAHAVEER
994	220901307	Harshit Thandelwal	KANWATIA
995	220901310	Rohit Bhansali	VIDYAPATI AJMER
996	220901322	Divyanshi Singh	JANANA
997	220901324	Balram	NIMS
998	220901327	Anmol Dixit	NARAYANA
999	220901345	Tahir Hita	ANGRASEN BLOOD CENTER
1000	220901355	Ishika Gandhi	NIMS

1001	220901364	Tanishq Agarwal	NIMS
1002	220901427	Rashi Meghani	NIMS
1003	220901443	Piyush	SUMAN
1004	220901450	Himanshu Singh Sekhawat	ARPAN HINDAUN
1005	220902016	Sameer Khan	VIDYAPATI AJMER
1006	220903004	Nandini Punjabi	SUMAN
1007	220903005	Lekshmi	J. K. LON
1008	220903021	Mustansir Kanchwala	NIMS
1009	220903026	Shray Agarwal	NIMS
1010	220903063	Tisha Saraf	NIMS
1011	220903071	Pratham Lakhaiyar	NIMS
1012	221002001	Pushpanjali Shukla	NIMS
1013	221002010	Aryan Tripathi	NARAYANA
1014	221002012	Yashvardhan Gupta	NARAYANA
1015	221002022	Aanya	JAIPURIA
1016	221002029	Aditi Joshi	NIMS
1017	221002031	Yashashwani Mahajan	NIMS
1018	221002032	Aishee Sadhukhan	NIMS
1019	221002044	Aryan Raj	NARAYANA
1020	221003007	Yachna Jain	NIMS
1021	221003011	Govind Haresharma	NIMS
1022	221003015	Arindam Yadav	NIMS
1023	221004004	Avni Kothari	EHCC
1024	221004005	Vibhanshu Porwal	NIMS
1025	221005001	Poorvi Mukhija	SDMH
1026	221005002	Tanay Choughule	EHCC
1027	221005006	Mandeep Shekhawat	SWASTIK
1028	221006006	Adnan Hakeem	SMS
1029	221006010	Rohan Santosh Pandhra	SMS
1030	221006011	Pavini Sharma	BHAGWAN MAHAVEER
1031	221007004	Urvi Thakare	ANGRASEN BLOOD CENTER
1032	221007015	Adiba Rahmani	NIMS
1033	221007023	Dishita Gupta	S K SONI BLOOD CENTER
1034	221007028	Dimple Sharma	SDMH
1035	221007037	Bhoomi Joshi	S K SONI BLOOD CENTER
1036	221007042	Ayush Goyal	S K SONI BLOOD CENTER
1037	221007045	Aarnav Chaudhary	ANGRASEN BLOOD CENTER
1038	221007048	Apurva Verma	VIDYAPATI AJMER
1039	221013001	Vaibhav Anand	SDMH
1040	221013003	Suman Yadav	JANANA
1041	221014010	Bhumika Jangir	SWASTIK
1042	221014011	Karri Venkat Rishik Reddy	EHCC
1043	221015002	Manas Digaari	S K SONI BLOOD CENTER
1044	221015020	Nandini Agrawal	S K SONI BLOOD CENTER
1045	221015023	Abhishek Chauhan	S K SONI BLOOD CENTER
1046	221015028	Fuhar Sagar	EHCC

1047	221015038	Gaurav Agrawal	S K SONI BLOOD CENTER
1048	221015045	Tanmay Agarwal	S K SONI BLOOD CENTER
1049	221015057	Divyansh	BHARADWAJ HOSPITAL
1050	221015065	Devansh Agarwal	S K SONI BLOOD CENTER
1051	221015083	Rakesh Singh	MAHATMA GANDHI
1052	221015090	Aviral Singh	S K SONI BLOOD CENTER
1053	221015107	Munesh Choudhary	S K SONI BLOOD CENTER
1054	221015117	Raunak Gulati	EHCC
1055	221015118	Sreeya Arlagadda	S K SONI BLOOD CENTER
1056	221015160	Vansh Pratap Singh Rathore	TRAUMA
1057	221016002	Prathiksha Venkateswaran	S K SONI BLOOD CENTER
1058	221016006	Riya Mitra	NIMS
1059	221016018	Riya	MAHATMA GANDHI
1060	221016035	Ashutosh Tiwari	ANGRASEN BLOOD CENTER
1061	221016039	Gourank	JANANA
1062	221016047	Aditi	TRAUMA
1063	221016050	Sakshi Soni	S K SONI BLOOD CENTER
1064	221016052	Alta Susan Jacob	MAHATMA GANDHI
1065	221016063	Suriyanshu Anand	S K SONI BLOOD CENTER
1066	221016068	Ayushi Sharma	S K SONI BLOOD CENTER
1067	221016071	Rohan Sharma	MAHATMA GANDHI
1068	221019001	Guru Kishore	SMS
1069	221020036	Deepak Choudhary	BHAGWAN MAHAVEER
1070	221020049	Rohit Solanki	TRAUMA
1071	221020068	Suprio Das	SDMH
1072	221020073	Shreyansh Panwar	S K SONI BLOOD CENTER
1073	221020078	Bhavesh Varma	BHARADWAJ HOSPITAL
1074	221020083	Gautami Singh Jadon	NIMS
1075	221051002	Saumya Dubey	ANGRASEN BLOOD CENTER
1076	221101009	Pragya Sharma	MAHATMA GANDHI
1077	221101015	Meena Negi	NIMS
1078	221102003	Kamlesh	JAIPURIA
1079	221102040	Mohak	NIMS
1080	221102044	Sara Jain	S K SONI BLOOD CENTER
1081	221103002	Kritika Boro	NARAYANA
1082	221103024	Amithi Basnotra	NARAYANA
1083	221103025	Vaishnavi Mehta	BHAGWAN MAHAVEER
1084	221103026	Srishti Joshi	S K SONI BLOOD CENTER
1085	221103030	Anamika R	SMS
1086	221103034	Naisha Lamba	S K SONI BLOOD CENTER
1087	221103035	Shikha Wadhvani	NIMS
1088	221103053	Kashish Choudhary	SDMH
1089	221103056	Pooja	EHCC
1090	221103059	Shivani Dayal	S K SONI BLOOD CENTER
1091	221103060	Snehal Jhanwar	S K SONI BLOOD CENTER
1092	221103063	Kiran Chaudhary	S K SONI BLOOD CENTER

1093	221103065	Isha Gupta	S K SONI BLOOD CENTER
1094	221103077	Chaitali Patil	SDMH
1095	221103079	Sinduja	SDMH
1096	221105013	Parkhi Mathur	SUMAN
1097	221105028	Yogendra Singh	J. K. LON
1098	221151002	Ananya Bhagirath	BHARADWAJ HOSPITAL
1099	221201004	Tanisha Wadhvani	JAIPURIA
1100	221201017	Nandini Verma	SDMH
1101	221201018	Rudra Ingh Ratore	ARPAN HINDAUN
1102	221201021	Manisha Baidar	SWASTIK
1103	221201025	Yash Bhargava	SUMAN
1104	221201035	Chiraglakhwana	ARPAN HINDAUN
1105	221201056	Riya Srivastav	SDMH
1106	221201073	Kaveri Vasistha	SDMH
1107	221202004	Deepit Mathur	SDMH
1108	221202009	Khushii Kulkarni	SDMH
1109	221202015	Ishani Santuka	SDMH
1110	221301026	Vanshika Sinha	GURUKUL BLOOD BANK
1111	221301049	Manisha Choudhary	J. K. LON
1112	221301053	Yamini Sharma	GURUKUL BLOOD BANK
1113	221301070	Akanksha Shehra	SDMH
1114	221302010	Darshna Shah	APEX SWASTHYA KALYAN
1115	221302019	Shruti Jhunjunwala	APEX SWASTHYA KALYAN
1116	221305007	Harshini R Iyengar	GURUKUL BLOOD BANK
1117	221305011	Dhruv Katyal	SDMH
1118	221305016	Kanaganani Jani	SDMH
1119	221305021	Nehal Dashottar	MAHATMA GANDHI
1120	221305026	Sujal Garg	SDMH
1121	221305039	Mansi Solanki	J. K. LON
1122	221305043	Divya Jain	SDMH
1123	221305050	Baibhav Naithani	SDMH
1124	221305052	Amishi Basnotra	SMS
1125	221305061	Yashni Yogeesh Poojary	SDMH
1126	228303415	Ridhi Garg	SDMH
1127	229101002	Shaswat Goyal	SDMH
1128	229102003	Ananya Singh	NIMS
1129	229102009	Vedant	APEX SWASTHYA KALYAN
1130	229202002	Kamal Kishore	JANANA
1131	229202007	Ayush Kumar Singh	SDMH
1132	229202010	Kanishka Chaudhary	APEX SWASTHYA KALYAN
1133	229202017	Ayush Pai Panandikar	SDMH
1134	229202021	Ankita Singh	SDMH
1135	229202028	Priyam Srivastava	SDMH
1136	229202041	Ansh Yadav	SDMH
1137	229202042	Aditya Kumar	SDMH
1138	229202059	Tanay Malhan	S K SONI BLOOD CENTER

1139	229202354	Abhishek Gupta	JANANA
1140	229205002	Navodit Singh Rathore	SDMH
1141	229205005	Mayank Shailesh Bambardekar	DR. RAMPAL BLOOD CENTRE
1142	229209003	Sarthak Panwar	SDMH
1143	229209008	Aditya Shukla	SDMH
1144	229209011	Chirag Kumar Jha	SDMH
1145	229209019	Aryan Bhati	APEX SWASTHYA KALYAN
1146	229209034	Nishit Dongre	SDMH
1147	229251005	Nidhi Chaudhary	MAHATMA GANDHI
1148	229301014	Ranojit Palit	NARAYANA
1149	229301022	Ribhav Mittal	SDMH
1150	229301026	Ahana Jain	SDMH
1151	229301034	Maulik Mehrotra	BHAGWAN MAHAVEER
1152	229301049	Hakim Mohammad	NARAYANA
1153	229301054	Smd Zubair	SMS
1154	229301059	Garv Gulati	SWASTHYA KALYAN
1155	229301061	Sunny Jayaswal	SWASTHYA KALYAN
1156	229301073	Navyaa Kabra	SDMH
1157	229301075	Trinabh	ARPAN HINDAUN
1158	229301097	Vidit Sood	DR. RAMPAL BLOOD CENTRE
1159	229301098	Shivam Khosla	SDMH
1160	229301101	Himanshu Sagar	SMS
1161	229301102	Rachit C Mehwala	MAHATMA GANDHI
1162	229301107	Avantika Jain	J. K. LON
1163	229301108	Daksh Mendiratta	SMS
1164	229301112	Priyansh Goel	VIDYAPATI AJMER
1165	229301116	Saksham Chanana	SMS
1166	229301117	Amitoj Singh Oberoi	SWASTIK
1167	229301120	Sanskriti Jha	SMS
1168	229301128	Ekagrata Agarwal	SMS
1169	229301129	Reetika Agrawal	ANGRASEN BLOOD CENTER
1170	229301140	Devansh Goel	TRAUMA
1171	229301150	Pragy Parihar	SDMH
1172	229301151	Pulkit Bindra	SMS
1173	229301153	Siddhanth Singhi	MAHATMA GANDHI
1174	229301162	Harsh Bijani	SMS
1175	229301163	Devansh Mudgal	SMS
1176	229301168	Karan Patel	SWASTHYA KALYAN
1177	229301171	Uttam Singh	SMS
1178	229301172	Ira Shrivastava	SMS
1179	229301187	Krishna Jindal	EHCC
1180	229301188	Prtyaksh	SDMH
1181	229301193	Vivek Poonia	DR. RAMPAL BLOOD CENTRE
1182	229301216	Vaidic Agarwal	SWASTIK
1183	229301232	Arhaan Malhotra	S K SONI BLOOD CENTER
1184	229301237	Kanika Bansal	SWASTIK

1185	229301239	Satvik Sarthak	SMS
1186	229301241	Parth Sarrathi	SMS
1187	229301244	Ekagra	BHARADWAJ HOSPITAL
1188	229301249	Aryansh Sahni	SMS
1189	229301254	Chehak Gupta	MAHILA CHIKITSALAYA
1190	229301259	Gaurav	DR. RAMPAL BLOOD CENTRE
1191	229301261	Shivansh Mishra	SMS
1192	229301269	Shivank	DR. RAMPAL BLOOD CENTRE
1193	229301270	Vansh Aggarwal	ARPAN HINDAUN
1194	229301276	Atharav	ARPAN HINDAUN
1195	229301283	Dakshesh Bagga	SMS
1196	229301284	Anant	ARPAN HINDAUN
1197	229301286	Arnav Kawatra	SMS
1198	229301299	Anika Shrivastava	SMS
1199	229301313	Myank Singh	JANANA
1200	229301316	Asmi Dipranch	SMS
1201	229301325	Harvindra Singh	SMS
1202	229301326	Arnav Jain	SMS
1203	229301335	Aaryaman Singh Chauhan	SMS
1204	229301340	Aradhya Khandelwal	SMS
1205	229301342	Karan Goyal	JAIPURIA
1206	229301343	Lakhan Arora	SMS
1207	229301346	Harnoor Kaur	MAHATMA GANDHI
1208	229301351	Abhiyuday Singh Chauhan	SMS
1209	229301353	Vansh Bhandari	SMS
1210	229301355	Rhitvik Malladi	BHAGWAN MAHAVEER
1211	229301358	Utsav Acharjya	SMS
1212	229301360	Dev Dhiren Faldu	VIDYAPATI AJMER
1213	229301363	Aditya Maheshwari	SUMAN
1214	229301364	Samarth Kakkar	SUMAN
1215	229301368	Manoviraj Singh Gill	SUMAN
1216	229301369	Arya Pratap Singh	SWASTIK
1217	229301370	Bhumika Sharma	SUMAN
1218	229301375	Rishita Ra	SUMAN
1219	229301379	Ritik Jain	DR. RAMPAL BLOOD CENTRE
1220	229301381	Chehak Miglani	SUMAN
1221	229301384	Shaurya Pandey	SMS
1222	229301393	Arvind Nayak	BHARADWAJ HOSPITAL
1223	229301398	Aryaman Dass	SWASTIK
1224	229301408	Aditya Aggarwal	SUMAN
1225	229301409	Krishanu	SWASTIK
1226	229301411	Chinmay Sharma	SUMAN
1227	229301416	Ramya	BHAGWAN MAHAVEER
1228	229301432	Anjaney Singh	NIMS
1229	229301441	Abhiraj Singh	SWASTHYA KALYAN
1230	229301442	Anish Deepak Gudle	SUMAN

1231	229301443	Aayush Katyal	SUMAN
1232	229301445	Vansh Chhabra	SUMAN
1233	229301450	Zaana Falima	ARPAN HINDAUN
1234	229301452	Manik Sethi	ANGRASEN BLOOD CENTER
1235	229301456	Ayush Kumar Mishra	NARAYANA
1236	229301462	Taarush Kathuria	APEX SWASTHYA KALYAN
1237	229301463	Sanchit Sharma	SDMH
1238	229301468	Riithi	SWASTIK
1239	229301470	Ankit Reddy	VIDYAPATI AJMER
1240	229301474	Harsh Pachouri	SMS
1241	229301482	Chitransh Saxena	ANGRASEN BLOOD CENTER
1242	229301487	Meher	MAHATMA GANDHI
1243	229301488	Shreshth Goyal	VIDYAPATI AJMER
1244	229301495	Krishna Tomar	SUMAN
1245	229301498	Vedant Narang	SMS
1246	229301525	Yash Khandenwa	NARAYANA
1247	229301537	Satya	SUMAN
1248	229301546	Aditi	DR. RAMPAL BLOOD CENTRE
1249	229301548	Abhilash Ramesh Seth	SUMAN
1250	229301550	Dhairya Sharma	SDMH
1251	229301559	Ananya	BHARADWAJ HOSPITAL
1252	229301573	Kshitij Singh	SDMH
1253	229301574	Shiven Agarwal	SUMAN
1254	229301582	Mihir Mathur	NARAYANA
1255	229301593	Dheeraj Kumar	SUMAN
1256	229301605	Rugved Deshpande	ARPAN HINDAUN
1257	229301620	Pranjal Tiwari	NARAYANA
1258	229301627	Abhinav Mishra	SUMAN
1259	229301635	Nishant Thottarath	SDMH
1260	229301643	Anushka Kothiyal	NIMS
1261	229301648	Devaansh Tyagi	SUMAN
1262	229301650	Karan Kapoor	APEX SWASTHYA KALYAN
1263	229301665	Nishtha	TRAUMA
1264	229301666	Ayush Balyan	SUMAN
1265	229301673	Arnav Praneet	S K SONI BLOOD CENTER
1266	229301674	Yash Garg	SWASTHYA KALYAN
1267	229301675	Adhayan Grover	MAHATMA GANDHI
1268	229301681	Armaan Deep Singh Bedi	SUMAN
1269	229301684	Ojasvi Padhiar	BHARADWAJ HOSPITAL
1270	229301687	Shubham Mahajan	NARAYANA
1271	229301693	Shri Surya	BHAGWAN MAHAVEER
1272	229301704	Aayush Yadav	NIMS
1273	229301707	Yash Singh	NARAYANA
1274	229301708	Yash Singh	SUMAN
1275	229301715	Atharv Thakle	DR. RAMPAL BLOOD CENTRE
1276	229301721	Harsh Sharma	NARAYANA

1277	229301750	Pranjali Pati	ANGRASEN BLOOD CENTER
1278	229301767	Khushboo Lal	SUMAN
1279	229301775	Gaurav Hora	SWASTHYA KALYAN
1280	229301785	Gulsanjan Kaur	NARAYANA
1281	229301786	Aayani Verma	BHARADWAJ HOSPITAL
1282	229301787	Pratishtha Bhattacharyya	SWASTHYA KALYAN
1283	229301810	Hemansh Bajaj	ARPAN HINDAUN
1284	229302006	Ashwin	BHAGWAN MAHAVEER
1285	229302018	Kartavya Joshi	SWASTHYA KALYAN
1286	229302028	Saumya Una	SWASTHYA KALYAN
1287	229302031	Hrushikesh Padamwar	SWASTHYA KALYAN
1288	229302039	Aamogh Shrivastava	SWASTHYA KALYAN
1289	229302055	Shivam Singh	JAIPURIA
1290	229302056	Sahil Kumar	DR. RAMPAL BLOOD CENTRE
1291	229302058	Ketan Mathur	SWASTHYA KALYAN
1292	229302068	Rohan Gupta	SWASTHYA KALYAN
1293	229302070	Ayush Kumar	DR. RAMPAL BLOOD CENTRE
1294	229302078	Kali Doshi	MAHATMA GANDHI
1295	229302080	Sayak Das	SWASTHYA KALYAN
1296	229302081	Siddhant Kakate	SWASTIK
1297	229302083	Vedic Varma	SWASTHYA KALYAN
1298	229302095	Akshat Srivastava	SWASTHYA KALYAN
1299	229302100	Ananya Sinha	SWASTHYA KALYAN
1300	229302115	Dhruv Shounak	SMS
1301	229302118	Rahul Singla	MAHATMA GANDHI
1302	229302126	Suraj Kumar	ARPAN HINDAUN
1303	229302128	Aniruddhan Srinivasan	SWASTHYA KALYAN
1304	229302131	Sujith Varma Mudunuru	SWASTHYA KALYAN
1305	229302137	Palak Srivastava	SWASTHYA KALYAN
1306	229302139	Gurbani Kaur	BHAGWAN MAHAVEER
1307	229302151	Aditi Thakur	NIMS
1308	229302152	Shayan Kundu	SWASTIK
1309	229302154	Satyam Nautiyal	S K SONI BLOOD CENTER
1310	229302160	Parth Johar	BHARADWAJ HOSPITAL
1311	229302162	Yash Sharma	SDMH
1312	229302164	Rohit B Chandy	SWASTHYA KALYAN
1313	229302190	Pratiksha Ashwin Kamath	SWASTHYA KALYAN
1314	229302194	Diya Thakur	SWASTHYA KALYAN
1315	229302195	Mohit Nirav	MAHILA CHIKITSALAYA
1316	229302200	Sushmit Setiya	SWASTHYA KALYAN
1317	229302205	Arnav Vinod Nair	SWASTHYA KALYAN
1318	229302220	Ishank Bansal	S K SONI BLOOD CENTER
1319	229302234	Priyanshi	ANGRASEN BLOOD CENTER
1320	229302236	Harshneet Khanna	ANGRASEN BLOOD CENTER
1321	229302256	Manan	SWASTIK
1322	229302257	Yash Dhruv	GURUKUL BLOOD BANK

1323	229302269	Diya Jeevan	NARAYANA
1324	229302290	Aditya Kumar	SMS
1325	229302292	Kushagra Priyam	SWASTIK
1326	229302297	Ashwin Parag Jiwane	SWASTIK
1327	229302298	Krishnav Gupta	NARAYANA
1328	229302302	Samriddhi Dwivedhi	BHAGWAN MAHAVEER
1329	229302321	Naman Sachdeva	MAHATMA GANDHI
1330	229302322	Shivam Sharma	SWASTIK
1331	229302325	Harvindra Singh	JANANA
1332	229302354	Abhishek Kumar Gupta	SWASTIK
1333	229302355	Rahulmanohar Kendre	NIMS
1334	229302365	Manas Kumar	SWASTIK
1335	229302366	Baibhav Kumar	SWASTIK
1336	229302371	Rishika Bhagawati	SWASTIK
1337	229302378	Gopika Nair	SDMH
1338	229302383	Dev Kalra	GURUKUL BLOOD BANK
1339	229302384	Ayaz Alam	SDMH
1340	229302385	Ajitesh Dasgupta	SWASTIK
1341	229302388	Rajat Joshi	J. K. LON
1342	229302395	Heer Khalasi	SWASTIK
1343	229302403	Adnan Sayed	DR. RAMPAL BLOOD CENTRE
1344	229302406	Pratham Srivastava	SWASTIK
1345	229302407	Dhruv Menon	SWASTIK
1346	229302417	Akshay Pratap	SWASTIK
1347	229302418	Durgesh Kumar	SWASTIK
1348	229302421	Jyotiraditya Singh Parihar	SWASTIK
1349	229302422	Shubham Kukreti	APEX SWASTHYA KALYAN
1350	229302434	Vedika Bhosale	SWASTIK
1351	229302441	Shivam Kumar	NARAYANA
1352	229302450	Shivangi Singh	SWASTIK
1353	229302471	Rohit Kaushi	SUMAN
1354	229302475	Tisha Dhamsania	NARAYANA
1355	229302477	Saunil Bajpai	SWASTIK
1356	229302484	Prajwal Malpani	EHCC
1357	229302486	Vaishnavi	NIMS
1358	229302510	Preet Gahlawat	SWASTIK
1359	229302512	Shobhit	SWASTIK
1360	229302515	Navya Mehta	SWASTIK
1361	229302518	Suryansh Mishra	SWASTHYA KALYAN
1362	229302520	Asman Bindra	BHARADWAJ HOSPITAL
1363	229302521	Piyush Kumar	ARPAN HINDAUN
1364	229302527	Aryan Saxena	ANGRASEN BLOOD CENTER
1365	229302548	Harshit Rawat	SWASTIK
1366	229302566	Anmol Srivastava	SWASTIK
1367	229302567	Sarthak Chugh	NARAYANA
1368	229302583	Shreyansh Agarwal	NARAYANA

1369	229302590	G.Sai Linisha Reddy	TRAUMA
1370	229302593	Sheersh Bansh	S K SONI BLOOD CENTER
1371	229302598	Shashank Soni	TRAUMA
1372	229302630	Rolnak	BHARADWAJ HOSPITAL
1373	229302638	Naman Sharma	TRAUMA
1374	229302642	Riya Mathur	SWASTIK
1375	229303004	Jayvrat Dwivedi	TRAUMA
1376	229303014	Adhyam Aditya	BHARADWAJ HOSPITAL
1377	229303016	Bhavya Gupta	GURUKUL BLOOD BANK
1378	229303025	Harshit Verma	SWASTHYA KALYAN
1379	229303027	Karan Agarwal	SDMH
1380	229303031	Arayan Kaur	SMS
1381	229303046	Anjali Tyagi	TRAUMA
1382	229303047	Rishav Dalal	TRAUMA
1383	229303052	Rhythm Janeja	BHAGWAN MAHAVEER
1384	229303054	Sanya	TRAUMA
1385	229303060	Aditya Anand Jahagirdar	TRAUMA
1386	229303065	Puneet Sharma	S K SONI BLOOD CENTER
1387	229303067	Aanya Gupta	TRAUMA
1388	229303083	Sai Praketh Voona	TRAUMA
1389	229303101	Kartik Kak	NARAYANA
1390	229303109	Aditya Kumar	TRAUMA
1391	229303127	Aniket Bhatia	SWASTHYA KALYAN
1392	229303130	Tanvi Upadhyay	TRAUMA
1393	229303139	Adithya Varma	SDMH
1394	229303143	Dhruv Kunzru	SWASTIK
1395	229303159	Sanee	TRAUMA
1396	229303160	Karthik Paila	TRAUMA
1397	229303163	Ishaan Samal	TRAUMA
1398	229303172	Adi Rajesh Mehta	NARAYANA
1399	229303176	Rahul Kakkar	J. K. LON
1400	229303178	Tanmay Zode	ANGRASEN BLOOD CENTER
1401	229303182	Pradyut Guchhait	TRAUMA
1402	229303183	Om Prakash Singh	BHARADWAJ HOSPITAL
1403	229303186	Devansh Singh Rawat	SWASTHYA KALYAN
1404	229303191	Krishang Shukla	SWASTIK
1405	229303200	Salih Saifudheen	TRAUMA
1406	229303209	Mohammed Shamil Kk	TRAUMA
1407	229303211	Priyanshu Choudhary	TRAUMA
1408	229303212	Astitav Katoch	GURUKUL BLOOD BANK
1409	229303223	Bhavya Methi	SWASTHYA KALYAN
1410	229303242	Vasu Verma	TRAUMA
1411	229303243	Siddharth Chandra	TRAUMA
1412	229303250	Aryan Purohit	TRAUMA
1413	229303261	Satvik Shukla	TRAUMA
1414	229303271	Hrushik Edher	TRAUMA

1415	229303286	Saurav	DR. RAMPAL BLOOD CENTRE
1416	229303296	Himesh Reddy	SWASTHYA KALYAN
1417	229303305	Karshh Divekar	S K SONI BLOOD CENTER
1418	229303306	Manish Caudhary	JANANA
1419	229303309	Shashwat Singh	SDMH
1420	229303310	Abhay Sharma	TRAUMA
1421	229303311	Siddharth Nigam	BHARADWAJ HOSPITAL
1422	229303325	Kushagra Gaur	TRAUMA
1423	229303328	Abhinandan Das	BHARADWAJ HOSPITAL
1424	229303335	Yastika	JANANA
1425	229303356	Aryam Singh	MAHILA CHIKITSALAYA
1426	229303357	Sankalp Tyagi	APEX SWASTHYA KALYAN
1427	229303358	Abhishek Singh	SDMH
1428	229303359	Ayush Kumar	ANGRASEN BLOOD CENTER
1429	229303360	Tarun Joshi	TRAUMA
1430	229303362	Vidushi Singh	TRAUMA
1431	229303369	Gourish G Pillai	VIDYAPATI AJMER
1432	229303382	Tamanna Chauhan	SWASTIK
1433	229303384	Rohan Yadav	SDMH
1434	229303394	Isha Sharma	VIDYAPATI AJMER
1435	229303405	Anav Lamba	VIDYAPATI AJMER
1436	229303408	Shlok Rana	VIDYAPATI AJMER
1437	229303410	Astha Gupta	SDMH
1438	229303411	Kanishk Durivdi	TRAUMA
1439	229303428	Radhika Singhal	VIDYAPATI AJMER
1440	229303434	Vardan Agarwal	SWASTHYA KALYAN
1441	229303442	Tanisha Mishra	VIDYAPATI AJMER
1442	229303443	Lakshya Jhalaria	BHAGWAN MAHAVEER
1443	229307003	Siddharth Sharma	DR. RAMPAL BLOOD CENTRE
1444	229307005	Ratikanta Singh	SUMAN
1445	229307006	Vinod Joshi	SUMAN
1446	229309009	Stuti Garg	SMS
1447	229309016	Yashana Kale	SWASTIK
1448	229309018	B.Sanjay	BHARADWAJ HOSPITAL
1449	229309022	Ayamullah Khan	VIDYAPATI AJMER
1450	229309030	Mayank Maheshwari	BHAGWAN MAHAVEER
1451	229309034	Arnav Gupta	VIDYAPATI AJMER
1452	229309035	Krishang Goel	SWASTIK
1453	229309037	Hardik Bolia	BHAGWAN MAHAVEER
1454	229309051	Shrirang	JAIPURIA
1455	229309052	Raez Mohammed K P	VIDYAPATI AJMER
1456	229309059	Nityasha Sharma	VIDYAPATI AJMER
1457	229309069	Gurmandeep Singh	VIDYAPATI AJMER
1458	229309070	Pranav Banker	ANGRASEN BLOOD CENTER
1459	229309073	Abhimanyu Jaithalia	VIDYAPATI AJMER
1460	229309086	Kaustubh Ghale	S K SONI BLOOD CENTER

1461	229309088	Raghav Uniyal	VIDYAPATI AJMER
1462	229309093	Devesh Nahar	VIDYAPATI AJMER
1463	229309101	Vansh Jaggi	ARPAN HINDAUN
1464	229309105	Yash Prasad	KANWATIA
1465	229309107	Samriddhi Jakhmola	SWASTIK
1466	229309112	Bhavika	BHARADWAJ HOSPITAL
1467	229309113	Siddhanth Das	TRAUMA
1468	229309114	Siddharth P	SWASTIK
1469	229309134	Pavishka	VIDYAPATI AJMER
1470	229309140	Shad Alam	SMS
1471	229309151	Dhruv Dahiya	TRAUMA
1472	229309157	Shashrut Bhamare	BHAGWAN MAHAVEER
1473	229309162	Rashi Sharma	VIDYAPATI AJMER
1474	229309196	Poorak	VIDYAPATI AJMER
1475	229309199	Ananya Manan	NIMS
1476	229309200	Sneha Jain	VIDYAPATI AJMER
1477	229309201	Priyanshi Goel	VIDYAPATI AJMER
1478	229309202	Maanas Singh	TRAUMA
1479	229309205	Nandini Malik	MAHILA CHIKITSALAYA
1480	229309209	Maanas Singh	VIDYAPATI AJMER
1481	229309219	Sarthik Jena	SDMH
1482	229309234	Suraj Chaudhary	MAHATMA GANDHI
1483	229309241	Akshit Bharadwaj	SWASTIK
1484	229309242	Anoushka	VIDYAPATI AJMER
1485	229309243	Rashika Ranjini	NIMS
1486	229309245	Mohammad Muawiyah Khalid	VIDYAPATI AJMER
1487	229309262	Neha KI	S K SONI BLOOD CENTER
1488	229309265	Sanskriti Mahore	VIDYAPATI AJMER
1489	229310004	Tanush	TRAUMA
1490	229310025	Ishaan Saikia	NARAYANA
1491	229310042	Vansh Jain	SWASTHYA KALYAN
1492	229310048	Kritika Pahuja	VIDYAPATI AJMER
1493	229310056	Riya Mittal	VIDYAPATI AJMER
1494	229310059	Aditya Yadav	APEX SWASTHYA KALYAN
1495	229310070	Aaryan Gupta	SWASTIK
1496	229310074	Vineet Mukhekr	SMS
1497	229310079	Saniya Giripunje	SWASTIK
1498	229310092	Parv	DR. RAMPAL BLOOD CENTRE
1499	229310098	Bhavya	SWASTIK
1500	229310103	Deepanshu Poonia	J. K. LON
1501	229310104	Rajat Yadav	APEX SWASTHYA KALYAN
1502	229310109	Himanshul Aggarwal	SDMH
1503	229310113	Siddh Jain	APEX SWASTHYA KALYAN
1504	229310115	Priyanarayan Sahu	APEX SWASTHYA KALYAN
1505	229310120	Vasu Kochhar	APEX SWASTHYA KALYAN
1506	229310134	Navya Nanda	NARAYANA

1507	229310137	Siddharth Dabas	NARAYANA
1508	229310144	Ketan Vaish	BHARADWAJ HOSPITAL
1509	229310146	Arham D Jain	MAHILA CHIKITSALAYA
1510	229310149	Pranjeet Nehra	MAHATMA GANDHI
1511	229310150	Shaurya Tiwari	VIDYAPATI AJMER
1512	229310151	Aditya Nalwaya	APEX SWASTHYA KALYAN
1513	229310170	Shreya Shedge	TRAUMA
1514	229310176	Anmol Verma	APEX SWASTHYA KALYAN
1515	229310187	Divyansh Pandey	SMS
1516	229310193	Abhinav	JANANA
1517	229310206	Devansh Bansal	JANANA
1518	229310216	Aadya Chauhan	JAIPURIA
1519	229310219	Shubham Dhirani	SWASTIK
1520	229310220	Ibhaan Agarwal	APEX SWASTHYA KALYAN
1521	229310221	Rutu Bhandari	BHAGWAN MAHAVEER
1522	229310222	Aayush Sharma	APEX SWASTHYA KALYAN
1523	229310229	Ansh	APEX SWASTHYA KALYAN
1524	229310230	Akshat Upadhyay	NARAYANA
1525	229310231	Rishit Singh Saharan	APEX SWASTHYA KALYAN
1526	229310234	Kuljeet	SWASTIK
1527	229310242	Ashmit	APEX SWASTHYA KALYAN
1528	229310246	Dhruv Sharma	JANANA
1529	229310249	Aditya Sharma	GURUKUL BLOOD BANK
1530	229310250	Amrit Raj	SWASTIK
1531	229310251	Dhruv Deora	SDMH
1532	229310256	Chetanya Jolly	APEX SWASTHYA KALYAN
1533	229310260	Khushi Madan	SWASTIK
1534	229310264	Prabudh Rastogi	BHAGWAN MAHAVEER
1535	229310273	Manish Ghosh	SMS
1536	229310277	Aviral Rai	BHARADWAJ HOSPITAL
1537	229310281	Zeel Samane	BHARADWAJ HOSPITAL
1538	229310290	Aarush Tandon	APEX SWASTHYA KALYAN
1539	229310303	Isha Agarwal	APEX SWASTHYA KALYAN
1540	229310304	Harsh Singh	SWASTIK
1541	229310307	Naysa Saini	APEX SWASTHYA KALYAN
1542	229310318	Paarshav Mehta	SDMH
1543	229310321	Shiv Rajput	BHAGWAN MAHAVEER
1544	229310325	Ritvik Singh	VIDYAPATI AJMER
1545	229310333	Saransh Sondhi	APEX SWASTHYA KALYAN
1546	229310334	Harshwardhan Pandey	KANWATIA
1547	229310336	Aditi Banga	MAHILA CHIKITSALAYA
1548	229310337	Medini Budhalakoti	MAHILA CHIKITSALAYA
1549	229310344	Vikrant Thakral	MAHILA CHIKITSALAYA
1550	229310363	Swar Bhatia	SWASTHYA KALYAN
1551	229310371	Garv Sawhney	MAHILA CHIKITSALAYA
1552	229310373	Pranav Anand	ARPAN HINDAUN

1553	229310379	Suryansh Jain	KANWATIA
1554	229310381	Surya Pranith Kanuparthu	BHAGWAN MAHAVEER
1555	229310390	Harshit Charan	SDMH
1556	229310398	Megha Vasandavi	BHARADWAJ HOSPITAL
1557	229310405	Kumar Divyanshu	SDMH
1558	229310409	Kanishk	SDMH
1559	229310423	Raj Nandani Jain	SWASTIK
1560	229310426	Arnav Agrawal	MAHILA CHIKITSALAYA
1561	229310433	Amogh Bajpai	SWASTHYA KALYAN
1562	229310447	Poonam Divesh	NIMS
1563	229310451	Arnav Gupta	MAHILA CHIKITSALAYA
1564	229310452	Kunjika Nagpal	MAHILA CHIKITSALAYA
1565	229310459	Aryan Sinha	TRAUMA
1566	229310460	Syeda Asmi Zaffor	MAHILA CHIKITSALAYA
1567	229311002	Venkatesh Patel	SDMH
1568	229311003	Khushi Bansal	MAHILA CHIKITSALAYA
1569	229311006	Adityan Balakumar	MAHILA CHIKITSALAYA
1570	229311007	Ujwal Singh	NARAYANA
1571	229311015	Rijul Narang	MAHILA CHIKITSALAYA
1572	229311023	Adwait	JAIPURIA
1573	229311024	Shivam Singh	SDMH
1574	229311030	Aagaz Kapoor	MAHATMA GANDHI
1575	229311034	Sanya Shree	SMS
1576	229311050	Tanishq Patli	JAIPURIA
1577	229311052	Pranav Karwa	SMS
1578	229311056	Atharva Rajoba	NARAYANA
1579	229311057	Aman Shlok Srivastava	ARPAN HINDAUN
1580	229311060	Yash Chowdhary	MAHILA CHIKITSALAYA
1581	229311065	Pratincha Singh	MAHILA CHIKITSALAYA
1582	229311067	Manavi Das	MAHATMA GANDHI
1583	229311079	Vansh Kumar Singh	SDMH
1584	229311082	Diya Goyal	MAHILA CHIKITSALAYA
1585	229311089	Jaskaran Singh Taneja	BHAGWAN MAHAVEER
1586	229311093	Dhruv Jhadia	SWASTIK
1587	229311096	Priyanshu Mudgal	BHAGWAN MAHAVEER
1588	229311101	Raghav Khullar	MAHILA CHIKITSALAYA
1589	229311105	Aditya Adithyan S.	TRAUMA
1590	229311106	Arunav Ganguly	S K SONI BLOOD CENTER
1591	229311112	Manazipet Goda Samhitha Reddy	MAHILA CHIKITSALAYA
1592	229311126	Utkarsh Maru	MAHILA CHIKITSALAYA
1593	229311131	Shubham Jha	BHAGWAN MAHAVEER
1594	229311135	Nitya Shukla	SWASTIK
1595	229311136	Shreya Singh	MAHILA CHIKITSALAYA
1596	229311138	Prabhav	VIDYAPATI AJMER
1597	229311141	Mihir Pareek	DR. RAMPAL BLOOD CENTRE
1598	229311142	Chahat Verma	DR. RAMPAL BLOOD CENTRE

1599	229311144	Shaun Lawrence	MAHILA CHIKITSALAYA
1600	229311156	Mohd Hunaif	MAHATMA GANDHI
1601	229311169	Chulika Parmar	SMS
1602	229311170	Parv Tandon	SMS
1603	229311176	Arhaan Abdullah	SMS
1604	229311177	Adith Antony Joha	SUMAN
1605	229311181	Kartik Batra	BHARADWAJ HOSPITAL
1606	229311186	Vatsal Mishra	BHARADWAJ HOSPITAL
1607	229311193	Ayan Mishra	SMS
1608	229311198	Sri Dutta Revanth	SDMH
1609	229311202	Aayush Bindal	BHAGWAN MAHAVEER
1610	229311203	Shivam Raj Dubey	SMS
1611	229311211	Karan Yadav	SMS
1612	229311212	Aarv Mankodi	SMS
1613	229311215	Rohan Kapila	SWASTIK
1614	229311218	Aviral Sharma	MAHATMA GANDHI
1615	229311221	Yash Vardhan Malik	SUMAN
1616	229311223	Riddhi Bhatia	SMS
1617	229311225	Tanishq Yadav	SMS
1618	229311226	Yash Bhardwaj	SMS
1619	229311228	Vatsal Jain	EHCC
1620	229311234	Prashant	SWASTIK
1621	229311244	Nikunj Goyal	JAIPURIA
1622	229311250	Abhed Agarwal	BHARADWAJ HOSPITAL
1623	229311251	G. Amit Kumar Patro	SMS
1624	229311268	Avinash Kumar	SMS
1625	229311270	Rishabhadev	VIDYAPATI AJMER
1626	229311283	Plaksha Singh	SMS
1627	229312421	Jyotiraditya Singh Parihar	NIMS
1628	229402004	Kaustubh Tiwari	BHAGWAN MAHAVEER
1629	229402015	Gurvansh	DR. RAMPAL BLOOD CENTRE
1630	229402018	Brijesh Singh	ANGRASEN BLOOD CENTER
1631	229402022	Arohan Paul	S K SONI BLOOD CENTER
1632	229402026	Abhindai Singh	BHARADWAJ HOSPITAL
1633	229402029	Gaurang Jadiya	BHARADWAJ HOSPITAL
1634	229402115	Dhruv Shounak	SMS
1635	229402365	Hukum Singh Shekhawat	SMS
1636	229403003	Divyansh Nagar	SMS
1637	229403005	M. Suraj Sudhesh	TRAUMA
1638	229403031	Aakash	VIDYAPATI AJMER
1639	229407001	Diwankar Mishra	DR. RAMPAL BLOOD CENTRE
1640	229408002	Shardul Tawde	SMS
1641	229408003	Taha	KANWATIA
1642	508142077	Pankaj	SMS
1643	MUJ0266	Rakesh (Faculty)	BHARADWAJ HOSPITAL
1644	MUJ0358	Dr Aashu Yadav	ARMY

1645	MUJ0390	Sourav Kumar Das	JAIPURIA
1646	MUJ0474	Rajesh Yadav	ARMY
1647	MUJ0534	Dr. Monika Sogani	ANGRASEN BLOOD CENTER
1648	MUJ0730	Neha Sharma	MAHILA CHIKITSALAYA
1649	MUJ0767	Shyam Lal	BHAGWAN MAHAVEER
1650	MUJ0772	Sunil Kumar	ARPAN HINDAUN
1651	MUJ0776	Akshay Gupta	MAHATMA GANDHI
1652	MUJ0918	Shambo Roy Chowdhury	SWASTHYA KALYAN
1653	MUJ1031	Devanshi Padaliya	NARAYANA
1654	MUJ1136	Sarmistha James	SWASTHYA KALYAN
1655	MUJ1138	Abhishek Panday	S K SONI BLOOD CENTER
1656	MUJ1316	Sarita Lokanda	ANGRASEN BLOOD CENTER
1657	MUJ1441	Manoj Kumar Yadav	S K SONI BLOOD CENTER
1658	100000001	Dharmendra Sharma	ANGRASEN BLOOD CENTER
1659	100000002	Sarita Lokhanda	ANGRASEN BLOOD CENTER
1660	100000003	Vikash Kumar	ARMY
1661	100000004	Ghasi Ram Sharma	ARPAN HINDAUN
1662	100000005	Dr. Aprna Tripathi (Staff)	BHAGWAN MAHAVEER
1663	100000006	Rohith Mtur	JAIPURIA
1664	100000007	Dr.Mehak Gulati	JAIPURIA
1665	100000008	Monika	JAIPURIA
1666	100000009	Ranjeet Rajput	JANANA
1667	100000010	Subhash	JANANA
1668	100000011	Yash Shishodia	JANANA
1669	100000012	Vandna Kabra	NARAYANA
1670	100000013	Princy Randhawa	NIMS
1671	100000014	Yash Bhardwaj	DR. RAMPAL BLOOD CENTRE
1672	100000015	Pradhan Choudhary	SDMH
1673	100000016	Nitesh Devadiga	SDMH
1674	100000017	Karthik Shetty	SDMH
1675	100000018	Dinesh K	SDMH
1676	100000019	Banwari Lokande	SDMH
1677	100000020	Khusi Garg	SDMH
1678	100000021	Shailesh	SMS
1679	100000022	Anil Verma	SMS
1680	100000023	Anju Kothari	SMS
1681	100000024	Himanshu Sharma (Rotary)	SWASTHYA KALYAN
1682	100000025	Vishan Rathore (Rotary)	SWASTHYA KALYAN
1683	100000026	Sanjay Nanoti	VIDYAPATI AJMER
1684	100000027	Ghasi Ram Sharna	ANGRASEN BLOOD CENTER

Working Team

S. No.	Registration Number	Full name	Year	Branch	Committee
1	200901164	Pratham Kapoor	3rd	BBA	Convenor
2	209403025	Akshvin K Singhal	3rd	B. Tech Mechatronics	Convenor
3	209303107	Ansh Chawla	3rd	CCE	Convenor
4	199303074	Vaibhav Vats	4th	CCE	Convenor
5	201103019	Vani Ghai	3rd	BA Hons Psychology	Crafts
6	201105005	Yasha Taneja	3rd	BA Libral Arts	Crafts
7	201002005	Abhinav Wadhwa	3rd	Bsc. Hons. Biotechnology	Crafts
8	201007034	Garima Mahaur	3rd	Bsc. Hons. Psychology	Events
9	200901113	Aditya Mathur	3rd	BBA	Events
10	201103042	Navneet Bhukmariya	3rd	BA Hons Psychology	Logistics
11	209301040	Chandraveer Mathur	3rd	CSE	Logistics
12	201105015	Deepti Meena	3rd	BA Libral Arts	Hospitality
13	209403017	Lohit Shandiliya	3rd	B. Tech Mechatronics	Hospitality
14	209303345	Sejal Shrisale	3rd	CCE	Hospitality
15	209303088	Atharva Chaudhari	3rd	CCE	Hospitality
16	209302183	Siddharth Dhaka	3rd	B. Tech IT	Hospitality
17	209302354	Raghav Ruia	3rd	B. Tech Mechatronics	Promotions
18	209301186	Aryan Bansal	3rd	CSE	Promotions
19	209301496	Pranav Shrivastava	3rd	CSE	Promotions
20	209302323	Priyam Agarwal	3rd	B. Tech IT	Promotions
21	209402037	Apar Gupta	3rd	Mechanical	Media
22	209301160	Vaibhav Shoree	3rd	CSE	Media
23	201007007	Ayushi Gupta	3rd	Bsc. Hons. Psychology	Media
24	201015039	Parth Sharma	3rd	BCA	Media
25	209309042	Vikramaditya Hiran	3rd	DSE	Media
26	209303087	Akash Shedage	3rd	CCE	Registrations
27	209301086	Urvi Dhasmana	3rd	CSE	Registrations
28	201003007	Garima Ghaley	3rd	Bsc. Hons. Microbiology	Registrations
29	209303333	Nivedita Ramaesh	3rd	CCE	Registrations
30	201101037	Aishwarya Seth	3rd	BA Honours Economics	Crafts
31	219302360	Disha Agarwal	2nd	IT	Crafts
32	219302421	Bhavin Sehrawat	2nd	B.Tech IT	Crafts
33	219301155	Nishita Gogia	2nd	Btech CSE (Core)	Crafts
34	219311125	Yash Verma	2nd	Cse iot	Crafts
35	210901018	Pratham Choudhary	2nd	BBA	Crafts
36	219311161	Anisha Lamba	2nd	BTech in CSE specialization in IOT-IS	Crafts
37	229403013	Gunn Verma	1st	Mechatronics	Crafts
38	229302083	Vedic Varma	1st	CSE (CORE)	Crafts
39	229303191	Krishang Shukla	1st	BTech CCE	Crafts
40	229302371	Rishika Bhagawati	1st	Btech IT	Crafts
41	229309218	Kartikey Sharma	1st	Btech data science	Crafts

42	221305021	Nehal Dashottar	1st	BBA LLB	Crafts
43	220113244	Daksh Sharma	1st	BBA LLB	Crafts
44	229309035	Krishang Goel	1st	IT	Crafts
45	229311254	Gargi Arora	1st	CSE (IoT and IS)	Crafts
46	229303405	Anav Lamba	1st	CCE	Crafts
47	200901298	Rajeev Sharma	3rd	BBA	Events
48	209303239	Abhinav Jindal	3rd	IT	Events
49	209301053	Nadella Rutvik Ramana	3rd	CSE	Events
50	211007071	Anuja Pol	2nd	Bsc psychology hons	Events
51	211007003	Lakshita	2nd	Bsc psychology hons	Events
52	219303064	Shobhit Bansal	2nd	CCE	Events
53	210903065	Prerana Singh	2nd	Bcom Hons in Accounting	Events
54	219301331	Ayush Goyal	2nd	Cse	Events
55	219310146	Yoshe Vijay	2nd	BTech cse (ai&ml)	Events
56	210901317	Pranav Agarwal	2nd	BBA	Events
57	219309129	Nayonika Sharma	2nd	Btech Data Science	Events
58	219311064	Khushboo Tewari	2nd	Cse lot	Events
59	210901184	Nihal	2nd	BBA	Events
60	219303126	Divyanshee Saxena	2nd	Btech CCE	Events
61	219301388	Madhur Dhingra	2nd	Btech Cse	Events
62	219302301	Vanshika Singh Andotra	2nd	IT	Events
63	211103012	Jessica Agarwal	2nd	BA (hons) psychology	Events
64	219310180	Harshit Shah	2nd	cse ai ml	Events
65	211007011	Kashish Parmar	2nd	Bsc psychology hons	Events
66	219403030	Rupansh Goyal	2nd	mechatronics	Events
67	219303120	Pravartika Mishra	2nd	Btech IT	Events
68	219303066	Sivam Pratik	2nd	IT	Events
69	219301133	Soham Dixit	2nd	Btech CSE	Events
70	219301208	Divyansh Jain	2nd	Cse core	Events
71	219107001	Mohd Kaif	2nd	Civil	Events
72	211201059	Madhav Methi	2nd	BAJ&MC	Events
73	219301390	Tanay Daga	2nd	Btech CSE	Events
74	219310182	Garvit Narula	2nd	BTECH Cse with AIML	Events
75	211007024	Arundhati De	2nd	bsc psychology	Events
76	210901118	Manan Vyas	2nd	BBA	Events
77	219301009	Aryav Goyal	2nd	Btec Cse	Events
78	210901140	Bhoomi Lodha	2nd	BBA	Events
79	219301137	Aditya Pandey	2nd	Cse	Events
80	211007008	Trishita Banerjee	2nd	BSc Psychology Hons	Events
81	210901341	Kanika Mahajan	2nd	BBA	Events
82	211103028	Avni Singh	2nd	BA (Hons.) Psychology	Events
83	219301268	Datla Sai Prabhath Varma	2nd	Cse core	Events
84	211007036	Manoj Kumawat	2nd	B.sc Psychology	Events
85	210903075	Siddhant Garg	2nd	B. Com (h)	Events
86	219301134	Astitva Goel	2nd	Btech CSE Core	Events
87	210901112	Tejashwini Joshi	2nd	BBA	Events

88	219310063	N.Nikhil	2nd	Btech cse hons	Events
89	219302056	Harsh Pratap Singh	2nd	IT	Events
90	219301231	Devanshu Kejriwal	2nd	CSE	Events
91	219302116	Sarthak Garg	2nd	B.tech IT	Events
92	219301008	Isha Goel	2nd	Btech CSE	Events
93	219301207	Rishabh Bassi	2nd	CSE	Events
94	219310002	Purusharth Agarwal	2nd	Btech cse	Events
95	219309114	Vitika Vora	2nd	Data Science	Events
96	211103019	Aishani Dutta	2nd	Ba psychology honours	Events
97	219301078	Saurav Yadav	2nd	CSE	Events
98	211007043	Varnima Singh	2nd	Bsc. Psychology Hons	Events
99	219309139	Radhika Sharma	2nd	data science engineering	Events
100	219302203	Shreyans Jain	2nd	IT	Events
101	219311264	Manu Kabra	2nd	B.Tech., CSE, IOT	Events
102	219309057	Varun Mandloi	2nd	IT	Events
103	219301660	Shashwat Durugkar	2nd	Computer Science Engineering	Events
104	219310123	Chirag Chetwani	2nd	CSE	Events
105	211301067	Paavni Chadha	2nd	Ba.IIb	Events
106	219301238	Pulkit Kohli	2nd	Btech cse	Events
107	219311289	Khushi Shukla	2nd	CSE IOT	Events
108	219302080	Nikshith Martha	2nd	Information technology	Events
109	219302198	Gautam Vhavle	2nd	IT	Events
110	219301235	Pratham Hariani	2nd	BTech cse	Events
111	219301588	Dhruv Kumar Pandey	2nd	CSE	Events
112	219302408	Shivansh Tyagi	2nd	It	Events
113	219311321	Vaibhav Yadav	2nd	CCE	Events
114	219403013	Chirayu Garg	2nd	Mechatronics	Events
115	210901028	Apoorva	2nd	Bba	Events
116	219302009	Ishaan Gulrajani	2nd	IT	Events
117	210901167	Archie Agrawal	2nd	BBA	Events
118	219302235	Prakhar Goel	2nd	IT	Events
119	211103001	Nikeeta Chaudhary	2nd	BA Psychology	Events
120	210901025	Parv Kumar Singh	2nd	BBA	Events
121	219302476	Manan Tola	2nd	BTech -IT	Events
122	211015087	Pratyaksh Bhandari	2nd	BCA	Events
123	219310330	Tanu Rathee	2nd	CSE AI-ML	Events
124	219311006	Mayank Shekhar Pal	2nd	CSE(Iot and IS)	Events
125	219301270	Paramesh Gurbaxani	2nd	CSE Core	Events
126	219302117	Shubhi Talati	2nd	Cse(aiml)	Events
127	229303369	Gourish G Pillai	1st	CCE	Events
128	229309232	Anshul Nag	1st	DSE	Events
129	221002055	Ojas Bathla	1st	Bsc biotechnology	Events
130	229301673	Arnav Praneet	1st	B. Tech CSE Core	Events
131	224901003	Aseem Gupta	1st	Automobile	Events
132	229403011	Vibhor Agarwal	1st	Btech Mechatronics	Events

133	229202021	Ankita Singh	1st	IT	Events
134	229309063	Rishabh Karnwal	1st	Data science	Events
135	229303252	Tushar Singhal	1st	CCE	Hospitality
136	229301360	Dev Dhiren Faldu	1st	CSE	Hospitality
137	229301635	Nishant Thottarath	1st	BTech CSE	Hospitality
138	229301386	Yug Sahni	1st	Btech CSE	Hospitality
139	220901414	Ayush Jain	1st	BBA	Hospitality
140	229302583	Shreyansh Agarwal	1st	B.TECH	Hospitality
141	229311250	Abhed Agarwal	1st	Btech (hons)Cse iot and is	Hospitality
142	229102003	Ananya Singh	1st	Civil engineering	Hospitality
143	220901327	Anmol Dixit	1st	BBA	Hospitality
144	229303054	Sanya	1st	CCE	Hospitality
145	219311142	Tushar Singh	2nd	lot	Hospitality
146	211103034	Aastha Mehra	2nd	Ba hons psychology	Hospitality
147	219302400	Anshika Singh	2nd	IT	Hospitality
148	210903076	Palak Agarwal	2nd	B.com hons	Hospitality
149	211007067	Ishika Jaiswal	2nd	Bsc psychology	Hospitality
150	219309033	Ribhav Loomba	2nd	IT	Hospitality
151	219402013	Maansi Singh	2nd	Mechanical Engineering	Hospitality
152	219301139	Rohan Sutradhar	2nd	Btech CSE	Hospitality
153	219310165	Abhishek Kumar	2nd	CSE AI and ML	Hospitality
154	211002039	Rochita Bani	2nd	Bsc Hons. Biotechnology	Hospitality
155	219301153	Ojus A	2nd	CSE	Hospitality
156	211002008	Anshi Agarwal	2nd	Bsc Hons biotechnology	Hospitality
157	229310247	Aditya Mishra	1st	AI ML	Hospitality
158	229209009	Akash Mukherjee	1st	ECE	Hospitality
159	229310336	Aditi Banga	1st	Btech CSE	Hospitality
160	229309087	Aashi Sharma	1st	Btech Data Science	Hospitality
161	229309143	Aryan Jhamnani	1st	Cse (aiml hons)	Hospitality
162	229309242	Anoushka Vats	1st	DSE	Hospitality
163	229309162	Rashi Sharma	1st	DSE	Hospitality
164	229309016	Yashana Kale	1st	BTech Dsc	Hospitality
165	229301034	Maulik Mehrotra	1st	B tech cse core	Hospitality
166	229302627	Rishita Jain	1st	Btech IT	Logistics
167	229311169	Chulika Parmar	1st	B.tech (iot and is)	Logistics
168	229301337	Ananya Tomar	1st	BTECH CSE	Logistics
169	220901277	PRASAN Goyal	1st	BBA	Logistics
170	220901364	Tanishq Agarwal	1st	BBA	Logistics
171	229310353	Gattamaneni Sumanth Chowdary	1st	Cse AI ML	Logistics
172	229310184	Pravin Gupta	1st	Cse AI ML	Logistics
173	229302477	Saunil Bajpai	1st	IT	Logistics
174	211007040	Kashish Chadha	2nd	Bsc hons psychology	Logistics
175	219301215	Mukul Jindal	2nd	CSE	Logistics
176	219302324	Pranshu Maheshwari	2nd	Information technology	Logistics
177	219302480	Damandeep Singh	2nd	Information and technology	Logistics

178	219310189	Shivendra Goenka	2nd	B TECH CSE AI & ML	Logistics
179	219302471	Abhyudayaditya Kumar Singh	2nd	B.tech IT	Logistics
180	219301477	Arnav Mirji	2nd	CSE	Logistics
181	229302028	Saumya Una	1st	B.tech IT	Logistics
182	221103026	Srishti Joshi	1st	Psychology	Logistics
183	229302430	Kislay Kumar	1st	BTech (IT)	Logistics
184	221006010	Rohan Santosh Pandhre	1st	BSC PHYSICS HONS	Logistics
185	229303434	Vardan Agarwal	1st	CCE	Logistics
186	229301441	Abhiraj Singh	1st	B Tech CSE Core	Logistics
187	219202034	Shreyas Samar Shukla	2nd	ECE	Promotions
188	219311028	Naman Gupta	2nd	Cse (IOT)	Promotions
189	219311212	Sajal Jain	2nd	Btech cse iot	Promotions
190	211002053	Anshulika Saxena	2nd	BSC BIOTECHNOLOGY	Promotions
191	219311087	Ashish Goyal	2nd	CSE IOT	Promotions
192	219301092	Azam Khan	2nd	CSE	Promotions
193	219301187	Shashwat Goswami	2nd	BTech CSE	Promotions
194	211002011	Anvarshu Gopal	2nd	Bsc Biotech	Promotions
195	219301299	Tanay Shah	2nd	B.Tech CSE	Promotions
196	219310140	Lasya Varma	2nd	CSE AI-ML	Promotions
197	219309004	Angad Singh Dhaliwal	2nd	DSE	Promotions
198	219310294	Manu Gupta	2nd	CSE (AI & ML)	Promotions
199	219303077	Sankalp Misra	2nd	CC	Promotions
200	219309043	Jatin Juneja	2nd	B.Tech IT	Promotions
201	219310302	Aditi Jaiswal	2nd	AIML	Promotions
202	219301203	Arnay Verma	2nd	CSE core	Promotions
203	219301286	Shoubhik Chakraborty	2nd	CSE Core	Promotions
204	219310034	Vaatsalya Babbar	2nd	B.Tech.(HONS)(CSE) in AI and ML	Promotions
205	219302165	Anushka Anup	2nd	BTECH IT	Promotions
206	219302481	Anamik Mane	2nd	BTECH IT	Promotions
207	229301335	Aaryaman Singh Chauhan	1st	B.Tech CSE Core	Promotions
208	229310231	Rishit Saharan	1st	Cse AI/MI	Promotions
209	229303310	Abhay Sharma	1st	B.tech datasciences	Promotions
210	229310103	Deepanshu Poonia	1st	CSe(AI/ML)	Promotions
211	229301232	Arhaan Malhotra	1st	Btech CSE	Promotions
212	229311259	Hoshang Shourya Chakravarty	1st	CSE (IoT)	Promotions
213	229301592	Kevin Varghese	1st	CSE Core	Promotions
214	229309073	Abhimanyu Jaithalia	1st	DSE	Promotions
215	229301681	Armaan Deep Singh Bedi	1st	Btech CSE (core)	Promotions
216	229302205	Arnav Vinod Nair	1st	Btech	Promotions
217	219302444	Ipsitaa Sahoo	2nd	Btech IT	Registrations
218	219209023	Jaswant Singh	2nd	ELC	Registrations
219	219302142	Neel Tomar	2nd	Bteceh IT	Registrations
220	219310048	Shagun Davessar	2nd	Btech CSE AI ML	Registrations
221	211002038	Aryan Singh	2nd	Biotechnology	Registrations

222	210903086	Rishik Saraf	2nd	Bcom hons	Registrations
223	219311290	Piyush Raj	2nd	CSE IoT and Intelligent Systems	Registrations
224	219301659	Tanmay	2nd	CSE core	Registrations
225	219310038	Hemant Joshi	2nd	BTECH CSE AI ML	Registrations
226	210606027	Madhu Tanwar	2nd	B. Des. Interior design	Registrations
227	219310019	Samarth Jaiswal	2nd	Btech CSE AI ML	Registrations
228	219311122	U Pranay	2nd	B.tech CSE lot	Registrations
229	219302255	Panuganti Srikar	2nd	IT	Registrations
230	219303101	Pesala Sankari Vibha Samsrita	2nd	CCE	Registrations
231	219301198	Srijai Nimmagadda	2nd	Cse(core)	Registrations
232	219302319	Priya Rani	2nd	Btech (IT)	Registrations
233	219301642	Nachiketa Jha	2nd	Btech CSE	Registrations
234	219301497	Arnav SINGH	2nd	Cse	Registrations
235	221103071	Ankita Das	1st	Psychology	Registrations
236	221201017	Nandini Verma	1st	BJMC	Registrations
237	229301435	Yuvraj Singh Roperia	1st	Cse Core	Registrations
238	221002022	Aanya Bhardwaj	1st	Bsc. Biotechnology	Registrations
239	221201035	Chirag Lakhwani	1st	Bj&mc	Registrations
240	220901352	Chirag	1st	BBA	Registrations
241	220901307	Harshit Khandelwal	1st	BBA	Registrations
242	229310299	Snigdha Jhureley	1st	CSE AIML	Registrations

9. Post event link

<https://jaipur.manipal.edu/muj/life-at-muj/Student-CLUBS.html>

YouTube link

https://www.youtube.com/watch?v=22PNrfE1QrI&t=1500s&ab_channel=DoordarshanRajasthan



HEMANT KUMAR
Assistant Director,
Directorate of Student's Welfare



(Prof. AD Vyas)
Director, Directorate of Student's Welfare



**JAIN SOCIAL GROUP CENTRAL SANSTHA
JAIPUR**



MANIPAL UNIVERSITY
JAIPUR



MUJ/DSW/SC/21 March 2022



MANIPAL UNIVERSITY
JAIPUR

DIRECTORATE OF STUDENT'S WELFARE

(SOCIETY CONNECT)

In collaboration with

Faculty of Design

Department of Fine Arts

NAME OF EVENT - Advaita

Offline Event

Date of Event (21/03/2022)



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1. Introduction of the Event

Title - Advaita

Mode - offline

Date -21/03/2022

In 'ADVAITA', The department of Fine Arts in collaboration with the Club Renaissance organized a social connect event by inviting the children from the Naya Sawera NGO to attend free art & craft workshops taken by experienced faculty and students namely, Dr Kusum Kanwar, the Club Renaissance Team and volunteers. The workshops were Felt Flower making, and Coffee Painting.

2. Objective of the Event

The objective of this event is to help the under privileged kids of society, by organizing creative workshops like felt flower making and coffee painting, by this we are encouraging their inner creative sides and providing them with an uplifting environment.

3. Beneficiaries of the Event

Naya Sawera NGO Students

4. Details of the Guests with contact details

1. Director FOD – Dr. Sampath Kumar Padmanabha
2. HOD (BFA applied arts) – Dr. Anantkumar Dada Ozarkar
3. Faculty of Planning and Design

5. Brief Description of the event

1. The event was conducted by the Renaissance Club Members and Department of Fine Arts for the NGO students of Naya Sawera.
2. The Event took place in Room no. 20 in AB-2 Block

3. The workshops held were Felt Flower making, where the NGO students learned how to make a flower with felt and then Coffee Painting, where they learned how to paint with coffee.

6. Photographs



Image Felt Flower Workshop



Image Coffee Painting Workshop



Image interactive Session with HOD (BFA applied arts) –
Dr. Anantkumar Dada Ozarkar



Image Group Photo with all Ngo Students, Club Members, Volunteers, HOD sir And, faculty of
Planning and Design.



7. Brochure or creative of the event





8. Schedule of the event -

**CLUB RENAISSANCE
SOCIAL CONNECT EVENT SCHEDULE**

Date - 21st March 2022

11:00 am	Arrival at Manipal University Jaipur.
11:00 to 11:30 am	Settlement and Introduction session.
11:30 to 1:00 pm	Felt Flowers Workshop - Under the guidance of Dr. Kusum Kanwar and with the help of volunteers, the kids will be learning how to make flowers using felt material.
1:00 to 2:00 pm	Lunch and Refreshments break.
2:00 to 4:00 pm	Coffee Painting Workshop - With the guidance and help of the Club Renaissance team, the kids will be learning how to paint creatively by using coffee.
4:00 to 4:30 pm	See off and Departure.

9. Attendance of the Event

Total attendees - 53

Sr. No	Name of Institution	Place of Institution	Registration Number/Employee code	Name of Attendee	Name of Dept
1.	Manipal University	Jaipur	190603013	Amisha Malpani	BFA - Applied arts
2.	Manipal University	Jaipur	190603011	Riddhi Gangwal	BFA - Applied arts
3.	Manipal University	Jaipur	190603010	Priyanshi Pareek	BFA - Applied arts
4.	Manipal University	Jaipur	200603001	Chitwani Wadera	BFA - Applied arts
5.	Manipal University	Jaipur	200603004	Hemanshu Pareek	BFA - Applied arts
6.	Manipal University	Jaipur	200603007	Yasha Kothari	BFA - Applied arts
7.	Manipal University	Jaipur	200603017	Siddhi Sambharia	BFA - Applied arts
8.	Manipal University	Jaipur	200603018	Kashish Aggarwal	BFA - Applied arts



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9.	Manipal University	Jaipur	200603009	Suhani Mittal	BFA - Applied arts
10.	Manipal University	Jaipur	201007048	Asma	BSc. - Psychology
11.	Manipal University	Jaipur	201015040	Kuldeep Singh	BSc. - Computer Application
12.	Manipal University	Jaipur	210603009	Disha Sarkar	BFA - Applied arts
13.	Manipal University	Jaipur	210603019	Rut Badaya	BFA - Applied arts
14.	Manipal University	Jaipur	210603020	Umesh Singh Chahar	BFA - Applied arts
15.	Manipal University	Jaipur	210603017	Apoorv Krishna Verma	BFA - Applied arts
16.	Manipal University	Jaipur	210603010	Lavanya Aggarwal	BFA - Applied arts
17.	Manipal University	Jaipur	210603003	Shruti Mathur	BFA - Applied arts
18.	Manipal University	Jaipur	210603012	Mahima Vijayvargiya	BFA - Applied arts
19.	Manipal University	Jaipur	210603030	Tiksha Sukhija	BFA - Applied arts
20.	Manipal University	Jaipur	210603024	Sumati Jaseja	BFA - Applied arts
21.	Manipal University	Jaipur	210603005	Prakriti Chhabra	BFA - Applied arts
22.	Manipal University	Jaipur	210603006	Drishti Malik	BFA - Applied arts
23.	Manipal University	Jaipur	211007040	Kashish Chadha	BSc. - Psychology
24.	Manipal University	Jaipur	210603040	Mansi Jain	BFA - Applied arts
25.	Manipal University	Jaipur	211102001	Poorvi Thiyagu	Department of Languages
26.	Manipal University	Jaipur	219301064	Vishesh Jain	CSE
27.	Manipal University	Jaipur	200901152	Parineeta jain	BBA
28.	Manipal University	Jaipur	219402001	Aarush yadav	Department of Mechanical Engineering
29.	Manipal University	Jaipur	210901025	Parv Kumar Singh	BBA
30.	Manipal University	Jaipur	219302421	Bhavin Sehwat	Department of Information Technology
31.	Manipal University	Jaipur	209403063	Ishaan Bohra	Department of Mechatronics Engineering
32.	Manipal University	Jaipur	200901257	Khushi jain	BBA
33.	Manipal University	Jaipur	209302407	Vishal Tulsyan	Department of Information Technology



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34	Manipal University	Jaipur	209301496	Pranav Srivastav	Department of Computer Science and Engineering
35	Manipal University	Jaipur	211007003	Lakshita Tehlan	Department of Psychology
36	Manipal University	Jaipur	209202192	Sriya Srinath Pillai	Department of Electronics & Communication Engineering
37	Manipal University	Jaipur	219311125	Yash Verma	Department of Computer Science and Engineering
38	Manipal University	Jaipur	209302139	Aryaman Singh	Department of Information Technology
39	Manipal University	Jaipur	210603006	Drishti	Department of Fine Arts
40	Manipal University	Jaipur	219303016	Harshit Saha	Department of Computer and Communication Engineering
41	Manipal University	Jaipur	219107001	Mohd kaif	Department of Civil Engineering
42	Manipal University	Jaipur	210901178	Nikita Dassani	Department of Commerce
43	Manipal University	Jaipur	219310140	Lasya Varma	Department of Computer Science and Engineering
44	Manipal University	Jaipur	211007052	Aradhna Juneja	Department of Psychology
45	Manipal University	Jaipur	219301268	Datla Sai Prabhath Varma	Department of Computer Science and Engineering
46	Manipal University	Jaipur	209303087	Palak Chouhan	Department of Computer and Communication Engineering
47	Manipal University	Jaipur	210901134	Devanshi Deravariya	Department of Commerce
48	Manipal University	Jaipur	219309132	Marripudi manideep	Department of Computer Science and Engineering
49	Manipal University	Jaipur	201102014	Aakansha Singh	Department of Languages
50	Manipal University	Jaipur	200901144	Himanshu nagwani	BBA
51	Manipal University	Jaipur	211201071	Harsh Kalekar	JMC
52	Manipal University	Jaipur	219311233	Rikeeth Adumulla	CSE
53	Manipal University	Jaipur	219301386	Ishika jain	CSE



10. Feedback of the Event

The event was extremely helpful for the NGO students, they got to learn new things and had a fun experience while exploring the campus. The club members & volunteers also got to experience how they can contribute to the betterment of these NGO students by helping them learn these new things.

K. Kumar
21/03/22

Signature of the Faculty Coordinator

[Handwritten Signature]
21st March 2022

[Handwritten Signature]

(Hemant Kumar)

Assistant Director, Society Connect

Directorate of Student's Welfare

[Handwritten Signature]

(Prof. AD Vyas)

Director, Directorate of Student's Welfare

DIRECTOR STUDENT WELFARE & PROCTOR
MANIPAL UNIVERSITY, JAIPUR



MUJ/DSW/NCC/17 August 2022/08

75TH INDEPENDENCE DAY

AZADI KA AMRIT MAHOTSAV

Date of Event: 15 August 2022

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1. Introduction Of the Event: -

Manipal University Jaipur organized Independence Day. Event was celebrated annually on 15th August as a public holiday in commemorating the Nation's Independence from the United Kingdom on 15th August 1947. This time it was more special because of the 75th Independence Day and was celebrated as **Azadi Ka Amrit Mahotsav**.

2. Objective Of the Event: -

Indian Independence Day is observed as a national holiday throughout the country. It reminds us of the many sacrifices our freedom fighters made for the freedom movement and to get Independence from British rule.

3. Brief Description of The Event: -

To celebrate this event and make it remembered Manipal University Jaipur NCC Air wing Cadets performed a parade in front of the VC Manipal University Jaipur Prof. G.K. Prabhu gave a warm and enthusiastic start to the event. After the parade, great motivational lecture by Prof. G.K. Prabhu . A huge number of Teaching and non-teaching staff came to the event.

The venue of the event was in front of VIP gate Manipal University Jaipur. Selected cadets were to report University at 0730 hrs.

4. Gallery of The Event: -







5. Brochure and Schedule of the Event: -



6. Schedule of The Event: -

On August 15th, 2022 (Monday) from 0900hrs onwards at SMS Stadium Jaipur.

7. Attendance of The Event: -

Attendance of the Event

S.NO	REG. NO.	CADET NAME	FATHERS NAME
1.	RJ/20/SWF/278458	ADITI SINGH	MR. KIRAN PAL SINGH
2.	RJ/20/SWF/278459	CHETNA KESI	MR. RAJESH KESI
3.	RJ/20/SDF/278462	DEEPENDRA RATHORE	MR. KUBER SINGH RATHORE
4.	RJ/20/SDF/278467	PAWAN SINGH	COMMANDANT BALWANT SINGH



MANIPAL UNIVERSITY JAIPUR



5.	RJ/20/SDF/278470	PRATYUSH VOHRA	LT.COL ROHIT VOHRA
6.	RJ/20/SDF/278472	ROHIT SINGH	BABULAL SINGH
7.	RJ/21/SWF/2784..	LAVANYA RAJAWAT	PADAM SINGH
8.	RJ/21/SDF/2784..	JAYNENDRA SINGH SACHAN	SHIV SHANKAR
9.	RJ/21/SDF/2784..	ANIRUDH SINGH	KAMAL SINGH
10.	RJ/21/SDF/2784..	DHRUV KARAN SINGH	YAGYA PRAVEEN SINGH
11.	RJ/21/SDF/2784..	ARYAMAN RATHORE	VIRENDRA RATHORE

8. Link of MUJ website: Pre Event Info Link –

(Sanjeev Sharma)

NCC & Sports Officer DSW

(Prof. AD Vyas)

Signature of Director, DSW



MANIPAL UNIVERSITY
JAIPUR



1 RAJ AIR SQN NCC, JAIPUR

DIRECTORATE OF STUDENT'S WELFARE

In collaboration with Department of Business & Commerce

SOCIETY CONNECT

PLANTATION DRIVE

Date of Event: 9th September 2022

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7.	Schedule of the Event	5
8.	Attendance of the Event	5



1. Introduction of the Event: -

Director Student's Welfare and the Department of School Of Business & Commerce along with NCC Cadets of Manipal University Jaipur 1RAJ AIR SQN NCC Jaipur conducted a Plantation drive among with the university students at NCC COMPLEX JAIPUR .

2. Objective of the Event: -

- To make the people understand the values of trees.
- Providing MUJ students exposure about society around them through such societal connect activities like plantation drive.

3. Beneficiaries of the Event: -

The event was conducted for all NCC cadets, students, and faculty members at NCC Complex, Jaipur.

4. Brief Description of the event: -

This event involved a general awareness about protecting the environment. Commanding Officer 1 Raj Air SQN NCC Jaipur Group Captain Neeraj Amba, School Of Business & Commerce, Director of sports Dr.Reena Poonia , ANO Sanjeev Sharma, PI Staff, faculty Member of School Of Business & Commerce,, and others were present the drive. Group Captain Neeraj Amba addressed the cadets & students about the importance of plantation.



5. Photographs of the Event :-









6. Brochure and Schedule of the Event: -

The brochure features the Manipal University Jaipur logo, NAAC A+ accreditation, NCC logo, and the School of Business & Commerce. It states the event is organized in collaboration with the Directorate of Student Welfare. The event title is "Walk for Protecting the Environment" and is scheduled for 9th September, 2022, at 11:00 am at Jawahar Kala Kendra, JLN Road, Jaipur.

7. Schedule of the event:-

On September 9th, 2022 (Friday) from 11 AM onwards

8. Attendance of the Event:

Total attendee-70 (21 NCC Cadets and others)

Attendance of the Event

S.NO	REG. NO.	CADET NAME	FATHERS NAME
1.	RJ/20/SWF/278458	ADITI SINGH	MR. KIRAN PAL SINGH
2.	RJ/20/SWF/278459	CHETNA KESI	MR. RAJESH KESI
3.	RJ/20/SDF/278462	DEEPENDRA RATHORE	MR. KUBER SINGH RATHORE
4.	RJ/20/SDF/278463	HONEY PADIYAR	MR. PRITESH PADIYAR
5.	RJ/20/SDF/278464	ISHAN SINGH	MR. VIRENDER SINGH
6.	RJ/20/SDF/278467	PAWAN SINGH	COMMANDANT BALWANT SINGH
7.	RJ/20/SDF/278469	PRASHANT KUMAR	AJIT SINGH CHOUDHARY
8.	RJ/20/SDF/278472	ROHIT SINGH	BABULAL SINGH
9.	RJ/21/SWF/2784..	AVANI AHLAWAT	SANDEEP KUMAR AHLAWAT
10.	RJ/21/SWF/2784..	KHUSHI MORE	RAVINDRA MORE



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11.	RJ/21/SWF/2784..	LAVANYA RAJAWAT	PADAM SINGH
12.	RJ/21/SDF/2784..	PARANJAY SHARMA	MANEESH SHARMA
13.	RJ/21/SDF/2784..	SURYANSHU SINGH	COL. MAHESH NARAYAN
14.	RJ/21/SDF/2784..	ARYAMAN PARIHAR	COL. AMAN KAUSHAL
15.	RJ/21/SDF/2784..	ANIRUDH SINGH	KAMAL SINGH
16.	RJ/21/SDF/2784..	DHRUV KARAN SINGH	YAGYA PRAVEEN SINGH
17.	RJ/21/SDF/2784..	ABHISUMAT	SUBRAMANIAN
18.	RJ/21/SDF/2784..	ADITYA TRIPATHI	MANISH TRIPATHI
19.	RJ/21/SDF/2784..	ROYAL RAJPUROHIT	SURENDRA PUROHIT
20.	RJ/21/SDF/2784..	DIVYANG TIWARI	SHIV BHAROSH TIWARI
21.	RJ/21/SDF/2784..	ANKIT YADAV	SUNIL KUMAR

**9. Link of MUJ website:
Pre Event Info Link –**

(Sanjeev Sharma)

NCC & Sports Officer DSW

(Prof. AD Vyas)

Signature of Director, DSW



**MANIPAL UNIVERSITY
JAIPUR**



DIRECTORATE OF STUDENT'S WELFARE

In collaboration with the Department of Business & Commerce



SOCIETY CONNECT

RALLY FOR PROTECTING THE ENVIRONMENT

Date of Event: 9th September 2022

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7.	Schedule of the Event	5
8.	Attendance of the Event	5



1. Introduction of the Event: -

The Directorate of Student's Welfare and the Department of School OF Business & Commerce along with the NCC Air wing of Manipal University Jaipur Cadets conducted a walk for protecting the environment from NCC Complex to Jawar Kala Kendra and back to the NCC Complex.

2. Objective of the Event: -

- To make the people understand the values of protecting the environment.
- Providing MUJ students exposure to the society around them through such societal connect activities as a rally for protecting the environment.

3. Beneficiaries of the Event: -

The event was conducted for all NCC cadets, students, and faculty members at NCC Complex, Jaipur.

4. Brief Description of the event: -

This event involved a general awareness of protecting the environment. Commanding Officer 1 Raj Air SQN NCC Jaipur Group Captain Neeraj Amba, School Of Business & Commerce, Director of sports Dr.Reena Poonia, ANO Sanjeev Sharma, PI Staff, faculty Member of School Of Business & Commerce, CO Group Captain Neeraj Amba, addressed the cadets & students about the importance of protecting the environment.

5. Photographs of the Event :-







MANIPAL UNIVERSITY
JAIPUR



6. Brochure and Schedule of the Event: -

MANIPAL UNIVERSITY
JAIPUR

School of Business & Commerce
in collaboration with
Directorate of Student Welfare
is organizing

A Societal Connect Event

“Walk for Protecting the Environment”

9th September, 2022 11:00 am Jawahar Kala Kendra, JLN Road, Jaipur

7. Schedule of the event:-

On September 9th, 2022 (Friday) from 11 AM onwards



8. Attendance of the Event:

Total attendee-70 (21 NCC Cadets and others)

Attendance of the Event

S.NO	REG. NO.	CADET NAME	FATHERS NAME
1.	RJ/20/SWF/278458	ADITI SINGH	MR. KIRAN PAL SINGH
2.	RJ/20/SWF/278459	CHETNA KESI	MR. RAJESH KESI
3.	RJ/20/SDF/278462	DEEPENDRA RATHORE	MR. KUBER SINGH RATHORE
4.	RJ/20/SDF/278463	HONEY PADIYAR	MR. PRITESH PADIYAR
5.	RJ/20/SDF/278464	ISHAN SINGH	MR. VIRENDER SINGH
6.	RJ/20/SDF/278467	PAWAN SINGH	COMMANDANT BALWANT SINGH
7.	RJ/20/SDF/278469	PRASHANT KUMAR	AJIT SINGH CHOUDHARY
8.	RJ/20/SDF/278472	ROHIT SINGH	BABULAL SINGH
9.	RJ/21/SWF/2784..	AVANI AHLAWAT	SANDEEP KUMAR AHLAWAT
10.	RJ/21/SWF/2784..	KHUSHI MORE	RAVINDRA MORE
11.	RJ/21/SWF/2784..	LAVANYA RAJAWAT	PADAM SINGH
12.	RJ/21/SDF/2784..	PARANJAY SHARMA	MANEESH SHARMA
13.	RJ/21/SDF/2784..	SURYANSHU SINGH	COL. MAHESH NARAYAN
14.	RJ/21/SDF/2784..	ARYAMAN PARIHAR	COL. AMAN KAUSHAL
15.	RJ/21/SDF/2784..	ANIRUDH SINGH	KAMAL SINGH
16.	RJ/21/SDF/2784..	DHRUV KARAN SINGH	YAGYA PRAVEEN SINGH
17.	RJ/21/SDF/2784..	ABHISUMAT	SUBRAMANIAN
18.	RJ/21/SDF/2784..	ADITYA TRIPATHI	MANISH TRIPATHI
19.	RJ/21/SDF/2784..	ROYAL RAJPUROHIT	SURENDRA PUROHIT
20.	RJ/21/SDF/2784..	DIVYANG TIWARI	SHIV BHAROSH TIWARI
21.	RJ/21/SDF/2784..	ANKIT YADAV	SUNIL KUMAR

9. Link of MUJ website: Pre Event Info Link –

(Sanjeev Sharma)

NCC & Sports Officer DSW

(Prof. AD Vyas)

Signature of Director, DSW



**MANIPAL UNIVERSITY
JAIPUR**



MUJ/DSW/NCC/12 August 2022/08

**DIRECTORATE OF STUDENTS'
WELFARE**



Cleanliness Drive

Date of Event: 10 August 2022



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9.	News Publication	5
10.	Link of MUJ website	5



1. Introduction of the Event: -

DSW in collaboration with NCC cadets and NSS conducted a cleanliness awareness drive among the foreigners involving the clean India project at the UNESCO world heritage site The Jantar Mantar, Jaipur. It was a physical activity involving the students from NCC.

2. Objective of the Event: -

- To make the foreign and domestic tourists understand the value and importance of cleanliness at world heritage sites that represent India's rich culture.
- Providing MUJ students exposure to the society around them through such societal connect activities.

3. Beneficiaries of the Event: -

The event was conducted for the local and international tourists at the historical place The Jantar Mantar, Jaipur.

4. Brief Description of the event: -

DSW in collaboration with NCC cadets and NSS conducted a cleanliness awareness drive among the foreigners involving the clean India project at the UNESCO world heritage site The Jantar Mantar, Jaipur 10 August 2022 It was a physical activity involving the students from NCC. To make the foreign and domestic tourists understand the value and importance of cleanliness at world heritage sites that represent India's rich culture. Providing MUJ students exposure to the society around them through such societal connect activities.

5. Photographs of the event with captions: -



Image. FREE COVID VACCINATION DRIVE' with President Sir, Head HR,

6. Brochure of the Event: -

नि.संख्या:114/रासेको/2021
भारत सरकार
युवा कार्यक्रम एवं खेल मंत्रालय
राष्ट्रीय सेवा योजना क्षेत्रीय निदेशालय
सी-7, देव नगर, टॉक रोड, जयपुर-302018

दिनांक 4 अगस्त, 2022

प्रति

श्रीमान राज्य रासेको अधिकारी,
शिक्षा ग्रुप-4 अ, शासन सचिवालय,
जयपुर ।

विषय: आज़ादी का अमृत महोत्सव 'आइकोनिक सप्ताह आयोजन' संबंधी।

महोदय,

उपरोक्त विषयान्वित रासेको निदेशालय के पब्लिक पी.24-1/रासेको/निदेशा/2021 दिनांक 4 अगस्त, 2022 (प्रति संलग्न) के संदर्भ में आपसे अनुरोध है कि आपके कार्यक्षेत्र में जयपुर (जंतर-जंतर), जोधपुर (सहस्रनाम फोर्ड), उदयपुर (मोती झरनी), भीलवाड़ा (देवपुरा) और जैसलमेर (जैसलमेर फोर्ड) जिले की सभी राष्ट्रीय सेवा योजना इकाइयों को 8 से 14 अगस्त, 2022 तक आज़ादी का अमृत महोत्सव 'आइकोनिक सप्ताह आयोजन' के अंतर्गत संदर्भित पर के अनुसार अधिकाधिक गतिविधियाँ आयोजित करने और आयोजित की गई गतिविधियों की जानकारी (फोटोग्राफ्स, इत्यादि सहित) इस कार्यालय को प्रतिदिन दोपहर 12 बजे तक भिजवाने हेतु आवश्यक निर्देश जारी करने की कृपा करें।

इस संदर्भ में आपसे आगे अनुरोध है कि कार्यक्रम के अंतर्गत की गई गतिविधियों के फोटोग्राफ्स, वीडियो, इत्यादि को संबंधित साइट्स पर अपलोड करने

और इस कार्यालय द्वारा बनाए गए सहाय्यक ग्रुप्स में भेजने हेतु भी निर्देश जारी करने का ध्यान करें। अपलोड किए गए फोटोग्राफ्स, वीडियो, इत्यादि को निम्नलिखित हैब्रान्स पर टैग किया जाना भी अपेक्षित है:-

- @_NSSIndia
- @NSSRajasthan
- @MOYAS
- #AmritMahotsav
- #IconicWeek

संलग्नक: यथापरि।

भवदीय,

(एस. पी. भटनगर)
क्षेत्रीय निदेशक

सूचना एवं आवश्यक कार्रवाई हेतु प्रतिनिधि:-

1. राज्य समन्वयक, रासेको (कॉलेज एजुकेशन), राजस्थान।
2. राज्य समन्वयक, रासेको (माध्यमिक शिक्षा), राजस्थान।
3. जिला समन्वयक (कॉलेज एजुकेशन), रासेको, जयपुर, जोधपुर, उदयपुर, भीलवाड़ा और जैसलमेर, राजस्थान।
4. जिला समन्वयक/अतिरिक्त जिला शिक्षा अधिकारी (माध्यमिक शिक्षा), जयपुर, जोधपुर, उदयपुर, भीलवाड़ा और जैसलमेर, राजस्थान।
5. रासेको समन्वयक, जयपुर, जोधपुर, उदयपुर, भीलवाड़ा और जैसलमेर जिलों के सभी विश्वविद्यालय, राजस्थान।



7. Schedule of the event: -

On 10 August 2022

8. Attendance of the Event

Total attendees- 09 NCC Cadets

Attendance of the Event

S.NO	REG. NO.	CADET NAME	FATHERS NAME
1.	RJ/19/SDF/278450	LALIT SINGH	MR. JAGDISH SINGH
2.	RJ/20/SWF/278459	CHETNA KESI	MR. RAJESH KESI
3.	RJ/20/SDF/278462	DEEPENDRA RATHORE	MR. KUBER SINGH RATHORE
4.	RJ/20/SDF/278469	PRASHANT KUMAR	AJIT SINGH CHOUDHARY
5.	RJ/20/SDF/278473	ABHYUDAY RATHORE	JITENDRA SINGH RATHORE
6.	RJ/21/SWF/2784..	AVANI AHLAWAT	SANDEEP KUMAR AHLAWAT
7.	RJ/21/SWF/2784..	KHUSHI MORE	RAVINDRA MORE
8.	RJ/21/SWF/2784..	LAVANYA RAJAWAT	PADAM SINGH
9.	RJ/20/SWF/2784..	TANYA SINGH THAKUR	KASHMIR SINGH THAKUR

(Sanjeev Sharma)

NCC & Sports Officer DSW

(Prof. AD Vyas)

Signature of Director, DSW



**MANIPAL UNIVERSITY
JAIPUR**



MUJ/DSW/NCC/30 August 2022/10

DIRECTORATE OF STUDENTS' WELFARE



Awareness Rally Against DRUG ABUSE

Date of Event: 30 August 2022



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6.	Schedule Of the Event	7
7.	Attendance Of the Event	7



1. Introduction Of the Event: -

Directorate of Student's Welfare Manipal University Jaipur and 1 Raj Air SQN NCC Jaipur organized an Awareness Rally Against DRUG ABUSE was carried out on 30th August 2022 by Manipal University Jaipur NCC Air Wing Cadets from Manipal University Gate to Gram Panchayat Dehmi Kalyan. It was a great message provided against Drug Use.

2. Objective Of the Event: -

The objectives of the Prevention Action Plan are to prevent youth from using illicit drugs by enhancing their awareness and understanding of the harmful social and health effects of illicit drug use and to develop and implement community-based interventions and initiatives to prevent illicit drug use.

3. Brief Description of The Event: -

Directorate of Student's Welfare (NCC Air wing) Manipal University Jaipur and 1 Raj Air SQN NCC Jaipur organized Awareness Rally Against DRUG ABUSE was carried out on 30th August 2022 from Manipal University Gate to Gram Panchayat Dehmi Kalyan. The event was inaugurated by Dr. R.C. Gour former Director Manipal University Jaipur and Dr. Anil Dutt Vyas Director Student's Welfare by NCC Cadets, and university students. It was a great message provided against Drug Use. It provides the knowledge necessary to avoid risky situations and information to make healthier personal choices. It aids in creating personal strategies for avoiding both negative peers and the inherent social pressures associated with substance use in social scenarios. For that this awareness rally was carried out.

Preventive and Remedial Measures. There are certain preventive and remedial measures for dealing with the problem of drug abuse.

- (a) The Government must use all the media to propagate against the habit of drug-taking.
- (b) Voluntary organizations should pay more attention to instructing addicts on how to give up the vice to bring them to the mainstream of public life without shame or sorrow.
- (c) Physicians should teach them how to prevent and avoid evil and how to lead a normal healthy life.
- (d) Parents should pay more care, attention, and love to their sons and daughters.
- (e) Reading moral and religious books is also helpful to addicts.
- (f) The police must act fearlessly to act against the people involved in drug traffic.

4. Gallery of The Event: -







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Latitude: 26.840477
Longitude: 75.564315
Elevation: 380.02±3 m
Accuracy: 15.8 m
Time: 30-08-2022 10:22
Note: L10

Powered by NotisCam

5. Brochure and Schedule of the Event: -



MANIPAL UNIVERSITY
JAIPUR



DIRECTORATE OF STUDENT WELFARE

**AWARENESS RALLY AGAINST
DRUG ABUSE**

30TH AUGUST 2022 | Time: 10:00 AM

Venue: University Main Gate to Gram Panchayat,
Dehmi Kalan, Jaipur





6. Schedule of The Event: -

On August 30th, 2022 (Tuesday) from 10:00 hrs onwards at MUJ Gate.

7. Attendance of The Event: -

Total attendee-40 (24 NCC Cadets and other)

Cadets Of III Year

S.No.	Reg. no.	Cadet Name	Fathers Name	Contact No.
1.	RJ/20/SWF/278459	Chetna Kesi	Mr. Rajesh Kesi	7976025515
2.	RJ/20/SDF/278462	Deependra Rathore	Mr. Kubersingh Rathore	6350086651
3.	RJ/20/SDF/278466	Parth C. Mahajan	Wg Cdr. C.Y. Mahajan	9067206779
4.	RJ/20/SDF/278467	Pawan Singh	Commandant Balwant Singh	9664133477
5.	RJ/20/SDF/278468	Pradeep D. Chate	Chate Deepak Dnyanoba	9390490185
6.	RJ/20/SDF/278469	Prashant Kumar	Ajit Singh Choudhary	7412879795
7.	RJ/20/SDF/278470	Pratyush Vohra	Lt.Col Rohit Vohra	6359130640

Cadets Of II Year

S.No.	Reg. no.	Cadet Name	Fathers Name	Contact No.
1.	RJ/21/SWF/278478	Khushi More	Ravindra More	8624014625
2.	RJ/21/SWF/278479	Lavanya Rajawat	Padam Singh	6376157459
3.	RJ/21/SWF/278495	Tanya Singh Thakur	Kashmir Singh Thakur	9015388590
4.	RJ/21/SDF/278480	Paranjay Sharma	Maneesh Sharma	8800258535
5.	RJ/21/SDF/278481	Suryanshu Singh	Col.Mahesh Narayan	9560398761
6.	RJ/21/SDF/278484	Aryaman Parihar	Col.Aman Kaushal	9501370394
7.	RJ/21/SDF/278486	Najid Khan	Asad Ulla Khan	9414726954
8.	RJ/21/SDF/278487	Anirudh Singh Chouhan	Kamal Singh	9413938079
9.	RJ/21/SDF/278488	Dhruv Karan Singh Tanwar	Yagya Praveen Singh	7339933339
10.	RJ/21/SDF/278489	Abhisumat	Subramanian	9513611533
11.	RJ/21/SDF/278490	Aditya Tripathi	Manish Tripathi	9064889979
12.	RJ/21/SDF/278491	Royal Rajpurohit	Surendra Rajpurohit	9116688122
13.	RJ/21/SDF/278493	Tejas Metha	Vikas Metha	9310262536
14.	RJ/21/SDF/278292	Divyang Tiwari	Shiv Bharosh Tiwari	6261949097
15.	RJ/21/SDF/278291	Ankit Yadav	Sunil Kumar	9773855797



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**8. Link of MUJ website:
Pre Event Info Link –**

(Sanjeev Sharma)

NCC & Sports Officer DSW

(Prof. AD Vyas)

Signature of Director, DSW



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JAIPUR

MUJ/DSW/SC/30 Aug 2022/



MANIPAL UNIVERSITY
JAIPUR

DIRECTORATE OF STUDENT'S WELFARE

(SOCIETY CONNECT)

AWERNESS RALLY

on

“DRUG ABUSE”

Date of Event: 30th August 2022



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8.	Schedule of the Event	6
9.	Attendance of the Event	6-9



1. Introduction of the Event: -

Directorate of Student's Welfare (NSS), Manipal University Jaipur organized an Awareness Rally Against DRUG ABUSE on 30th August 2022 from Manipal University Gate to Gram Panchayat Dehmi Kalan. It was a great message provided against Drug Use. It was a physical activity involving the students from NSS, NCC, DSW and the Rotaract Green Club MUJ.

2. Objective of the Event: -

- To make the Prevention Action Plan are to prevent youth from using illicit drugs by enhancing their awareness.
- Providing MUJ students an understanding of the harmful social and health effects of drug use and to develop and implement community-based interventions and initiatives to prevent illicit drug use.

3. Beneficiaries of the Event: -

The event was conducted for villagers in Dehmi Kalan and Students of Manipal University Jaipur.

4. Details of the Guests

Rotary Club Jaipur Bapu Nagar

Rotary started with the vision of one man — Paul Harris. The Chicago attorney formed the Rotary Club of Chicago on 23 February 1905, so professionals with diverse backgrounds could exchange ideas and form meaningful, lifelong friendships.

Over time, Rotary's reach and vision gradually extended to humanitarian service. Members have a long track record of addressing challenges in their communities and around the world.

Rotary is a global network of 1.4 million neighbors, friends, leaders, and problem-solvers who see a world where people unite and take action to create lasting change — across the globe, in our communities, and in ourselves. They provide service to others, promote integrity, and advance world understanding, goodwill, and peace through our fellowship of business, professional, and community leaders. We collaborate with community leaders who want to get to work on projects that have a real, lasting impact on people's lives. We connect passionate people with diverse perspectives to exchange ideas, forge lifelong friendships, and, above all, take action to change the world.

5. Brief Description of the event: -

Directorate of Student's Welfare (NSS and NCC Air wing) Manipal University Jaipur organized Awareness Rally Against DRUG ABUSE was carried out on 30th August 2022 from Manipal University Gate to Gram Panchayat Dehmi Kalyan. The event was inaugurated by Dr. R.C. Gour former Director Manipal University Jaipur and Dr. Anil Dutt Vyas Director Student's Welfare by NSS/NCC Cadets, and Rotaract Club students. It was a great message provided against Drug Use. It provides the knowledge necessary to avoid risky situations and information to make healthier personal choices. It aids in creating personal strategies for avoiding both negative peers and the inherent social pressures associated with substance use in social scenarios. For that this awareness rally was carried out.

Preventive and Remedial Measures. There are certain preventive and remedial measures for dealing with the problem of drug abuse.

- (a) The Government must use all the media to propagate against the habit of drug-taking.
- (b) Voluntary organizations should pay more attention to instructing addicts on how to give up the vice to bring them to the mainstream of public life without shame or sorrow.
- (c) Physicians should teach them how to prevent and avoid evil and how to lead a normal healthy life.
- (d) Parents should pay more care, attention, and love to their sons and daughters.
- (e) Reading moral and religious books is also helpful to addicts.
- (f) The police must act fearlessly to act against the people involved in drug traffic.

6. Photographs of the event with captions: -



Image Rally at MUJ Gate



Image Rally at Dahmi Kalan Road



Image Staring of the Rally from Manipal University Jaipur Main gate



Image of the rally t t Dehmi Kalan Village

7. Brochure of the Event:



 MANIPAL UNIVERSITY
JAIPUR





DIRECTORATE OF STUDENT WELFARE

**AWARENESS RALLY AGAINST
DRUG ABUSE**

30TH AUGUST 2022 | Time: 10:00 AM

Venue: University Main Gate to Gram Panchayat,
Dehmi Kalan, Jaipur



8. Schedule of the event: -

August 30th, 2022, from 10 AM onwards from Manipal University Jaipur Main Gate.

9. Attendance of the Event

Total attendee- 70 Students

S. No.	Name of Institution	Reg. No	Full name	Year	Branch
1	Manipal University Jaipur	200901164	Pratham Kapoor	3rd	BBA
2	Manipal University Jaipur	209403025	Akshvin K Singhal	3rd	B.Tech Mechatronics
3	Manipal University Jaipur	209303107	Ansh Chawla	3rd	CCE
4	Manipal University Jaipur	199303074	Vaibhav Vats	4th	CCE
5	Manipal University Jaipur	201103019	Vani Ghai	3rd	BA Hons Psychology
6	Manipal University Jaipur	201105005	Yasha Taneja	3rd	BA Libral Arts
7	Manipal University Jaipur	201002005	Abhinav Wadhwa	3rd	Bsc.Biotechnology
8	Manipal University Jaipur	201007034	Garima Mahaur	3rd	Bsc. Psychology
9	Manipal University Jaipur	200901113	Aditya Mathur	3rd	BBA
10	Manipal University Jaipur	201103042	Navneet Bhukmariya	3rd	BA Hons Psychology
11	Manipal University Jaipur	209301040	Chandraveer Mathur	3rd	CSE
12	Manipal University Jaipur	201105015	Deepti Meena	3rd	BA Libral Arts
13	Manipal University Jaipur	209403017	Lohit Shandiliya	3rd	B. Tech Mechatronics
14	Manipal University Jaipur	209303345	Sejal Shrisale	3rd	CCE



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15	Manipal University Jaipur	209303088	Atharva Chaudhari	3rd	CCE
16	Manipal University Jaipur	209302183	Siddharth Dhaka	3rd	B. Tech IT
17	Manipal University Jaipur	209302354	Raghav Ruia	3rd	B. Tech Mechatronics
18	Manipal University Jaipur	209301186	Aryan Bansal	3rd	CSE
19	Manipal University Jaipur	209301496	Pranav Shrivastava	3rd	CSE
20	Manipal University Jaipur	209302323	Priyam Agarwal	3rd	B. Tech IT
21	Manipal University Jaipur	209402037	Apar Gupta	3rd	Mechanical
22	Manipal University Jaipur	209301160	Vaibhav Shoree	3rd	CSE
23	Manipal University Jaipur	201007007	Ayushi Gupta	3rd	Bsc. Hons. Psychology
24	Manipal University Jaipur	201015039	Parth Sharma	3rd	BCA
25	Manipal University Jaipur	209309042	Vikramaditya Hiran	3rd	DSE
26	Manipal University Jaipur	209303087	Akash Shedage	3rd	CCE
27	Manipal University Jaipur	209301086	Urvi Dhasmana	3rd	CSE
28	Manipal University Jaipur	201003007	Garima Ghaley	3rd	Bsc. Hons. Microbiology
29	Manipal University Jaipur	209303333	Nivedita Ramaesh	3rd	CCE
30	Manipal University Jaipur	201101037	Aishwarya Seth	3rd	BA-Economics
31	Manipal University Jaipur	219302360	Disha Agarwal	2nd	IT
32	Manipal University Jaipur	219302421	Bhavin Sehrawat	2nd	B.Tech IT



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33	Manipal University Jaipur	219301155	Nishita Gogia	2nd	Btech CSE (Core)
34	Manipal University Jaipur	219311125	Yash verma	2nd	Cse iot
35	Manipal University Jaipur	210901018	Pratham choudhary	2nd	BBA
36	Manipal University Jaipur	219311161	Anisha Lamba	2nd	BTech in CSE
37	Manipal University Jaipur	229403013	Gunn Verma	1st	Mechatronics
38	Manipal University Jaipur	229302083	Vedic Varma	1st	CSE (CORE)
39	Manipal University Jaipur	229303191	Krishang Shukla	1st	BTech CCE
40	Manipal University Jaipur	229302371	Rishika Bhagawati	1st	Btech IT
41	Manipal University Jaipur	229309218	Kartikey Sharma	1st	Btech data science
42	Manipal University Jaipur	221305021	Nehal Dashottar	1st	BBA LLB
43	Manipal University Jaipur	220113244	Daksh sharma	1st	BBA LLB
44	Manipal University Jaipur	229309035	Krishang Goel	1st	IT
45	Manipal University Jaipur	229311254	Gargi Arora	1st	CSE (IoT and IS)
46	Manipal University Jaipur	229303405	anav lamba	1st	CCE
47	Manipal University Jaipur	200901298	Rajeev Sharma	3rd	BBA
48	Manipal University Jaipur	209303239	Abhinav Jindal	3rd	IT
49	Manipal University Jaipur	209301053	Nadella Rutvik Ramana	3rd	CSE
50	Manipal University Jaipur	211007071	Anuja pol	2nd	Bsc psychology hons



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51	Manipal University Jaipur	211007003	Lakshita	2nd	Bsc psychology hons
52	Manipal University Jaipur	219303064	Shobhit Bansal	2nd	CCE
53	Manipal University Jaipur	210903065	Prerana Singh	2nd	Bcom Accounting
54	Manipal University Jaipur	219301331	Ayush Goyal	2nd	CSE
55	Manipal University Jaipur	219310146	Yoshe vijay	2nd	BTech CSE
56	Manipal University Jaipur	210901317	Pranav Agarwal	2nd	BBA
57	Manipal University Jaipur	219309129	Nayonika Sharma	2nd	Btech Data Science
58	Manipal University Jaipur	219311064	Khushboo Tewari	2nd	CSE
59	Manipal University Jaipur	210901184	Nihal	2nd	BBA
60	Manipal University Jaipur	219303126	Divyanshee Saxena	2nd	Btech CCE
61	Manipal University Jaipur	219301388	Madhur Dhingra	2nd	CSE
62	Manipal University Jaipur	219302301	Vanshika Singh Andotra	2nd	IT
63	Manipal University Jaipur	211103012	Jessica Agarwal	2nd	BA -psychology
64	Manipal University Jaipur	219310180	harshit shah	2nd	CSE
65	Manipal University Jaipur	211007011	Kashish parmar	2nd	Bsc psychology
66	Manipal University Jaipur	219403030	rupansh goyal	2nd	mechatronics
67	Manipal University Jaipur	219303120	Pravartika mishra	2nd	Btech IT
68	Manipal University Jaipur	219303066	Sivam Pratik	2nd	IT



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69	Manipal University Jaipur	219301133	Soham Dixit	2nd	Btech CSE
70	Manipal University Jaipur	219301208	Divyansh Jain	2nd	Cse core

(Hemant Kumar)

Assistant Director, Society Connect

Directorate of Student's Welfare

(Prof. AD Vyas)

Director, Directorate of Student's Welfare

DIRECTOR STUDENT WELFARE & PROCTOR
MANIPAL UNIVERSITY, JAIPUR



MANIPAL UNIVERSITY
JAIPUR

MUJ/DSW/SC/10 Dec 2022



MANIPAL UNIVERSITY
JAIPUR

DIRECTORATE OF STUDENT'S WELFARE

(SOCIETY CONNECT)

In Collaboration with

SCHOOL OF INFORMATION TECHNOLOGY

Department of IT

Donation Drive

At

PRYAAS COPS, Mansarovar

Date of Event: 10th December 2022



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1. Introduction of the Event

This DONATION DRIVE is in collaboration with PRAYAAS CORP wherein we will start taking donations from 20th Nov via google forms and we'll be reaching out to PRAYAAS CORP 26th November 2022, situated in Mansarovar, Jaipur to hand out all the donated goods.

2. Objectives of the Event

- Provide support to non-profit organizations.
- Promote a sense of generosity amongst the students.
- To help bridge the gap between the people who are willing to aid the less fortunate and those in position of necessity.

3. Beneficiaries of the Event

MUJ Students and Prayaas Corp

4. Details of the Guests

Prayas Corps

Prayaas Corps works on philosophy of education for everyone. We try to impart knowledge in the kids from underprivileged section of our society.

Prayaas Corps is committed to safeguarding the personal information entrusted to us by our clients, contacts, vendors or volunteers.

Rotary Club Bapu Nagar

Rotary started with the vision of one man — Paul Harris. The Chicago attorney formed the Rotary Club of Chicago on 23 February 1905, so professionals with diverse backgrounds could exchange ideas and form meaningful, lifelong friendships.

Over time, Rotary's reach and vision gradually extended to humanitarian service. Members have a long track record of addressing challenges in their communities and around the world.

Rotary is a global network of 1.4 million neighbors, friends, leaders, and problem-solvers who see a world where people unite and take action to create lasting change –



MANIPAL UNIVERSITY JAIPUR

across the globe, in our communities, and in ourselves. They provide service to others, promote integrity, and advance world understanding, goodwill, and peace through our fellowship of business, professional, and community leaders. We collaborate with community leaders who want to get to work on projects that have a real, lasting impact on people's lives. We connect passionate people with diverse perspectives to exchange ideas, forge lifelong friendships, and, above all, take action to change the world.

5. Brief Description of the Event

Donations in this donation drive will be made via google from. Students are allowed to donate any clothes, stationary, food or anything which will help to increase the community standings and help students to show gratitude.

6. Brochure or creative of the event:



7. Photographs



Image Faculty of IT spending time with Children of Prayaas Corps.



Image Dr. Sumit with the children of Prayaas Corps



MANIPAL UNIVERSITY JAIPUR

7. Schedule of the Event

S.NO.	Event	Date & Time	Venue
1	Donation Drive	10 th Dec 2022/ 10 AM	Prayaas Corps, Mansarovar, Jaipur

8. Attendance of the Event

Total 72 Students

S.No	Name of Institute	Place of Institute	Registration No	Name of Attendee	Name of Dept
1	Manipal University Jaipur	Jaipur	209202135	UTKARSH SOMVANSHI	IT
2	Manipal University Jaipur	Jaipur	209202151	ABHINAV PRASAD	IT
3	Manipal University Jaipur	Jaipur	209202209	HARSHIT VERMA	IT
4	Manipal University Jaipur	Jaipur	209301569	RUPESH BOORA	IT
5	Manipal University Jaipur	Jaipur	209302009	AKSHAY H NAIK	IT
6	Manipal University Jaipur	Jaipur	209302012	KRISHNA RAJKUMAR DEMBLA	IT
7	Manipal University Jaipur	Jaipur	209302019	CHETAN VERMA	IT
8	Manipal University Jaipur	Jaipur	209302025	AARUSHI VERMA	IT
9	Manipal University Jaipur	Jaipur	209302149	MILIND BHATNAGAR	IT
10	Manipal University Jaipur	Jaipur	209302158	KUSHAGRA PARMAR	IT
11	Manipal University Jaipur	Jaipur	209302162	HARSH SIDHWANI	IT
12	Manipal University Jaipur	Jaipur	209302166	ANSHIKA	IT
13	Manipal University Jaipur	Jaipur	209302167	AYUSH JAIPURIYAR	IT
16	Manipal University Jaipur	Jaipur	209302188	YUKTI TANDON	IT
18	Manipal University Jaipur	Jaipur	209302193	ANSHIKA ANAND	IT
19	Manipal University Jaipur	Jaipur	209302194	AYUSHMAN SINGH	IT
20	Manipal University Jaipur	Jaipur	209302303	SWATI JAIN	IT
21	Manipal University Jaipur	Jaipur	209302313	HRIDAY YADAV	IT
22	Manipal University Jaipur	Jaipur	209302322	UDAYAN KHETAN	IT
23	Manipal University Jaipur	Jaipur	209302325	VEDANT CHAUHAN	IT
24	Manipal University Jaipur	Jaipur	209302331	TANMAY PATEL	IT



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25	Manipal University Jaipur	Jaipur	209302342	SIDDHARTHA VARSHNEY	IT
26	Manipal University Jaipur	Jaipur	209303181	SAMVIDHAAN SINGH	IT
27	Manipal University Jaipur	Jaipur	209303196	ATHARV SATISH KOKATE	IT
28	Manipal University Jaipur	Jaipur	209303208	NAINA GHAI	IT
29	Manipal University Jaipur	Jaipur	209303238	PRAJWAL BANG	IT
30	Manipal University Jaipur	Jaipur	200901164	Pratham Kapoor	BBA
31	Manipal University Jaipur	Jaipur	209403025	Akshvin K Singhal	B.Tech Mechatronics
32	Manipal University Jaipur	Jaipur	209303107	Ansh Chawla	CCE
33	Manipal University Jaipur	Jaipur	199303074	Vaibhav Vats	CCE
34	Manipal University Jaipur	Jaipur	201103019	Vani Ghai	BA Hons Psychology
35	Manipal University Jaipur	Jaipur	201105005	Yasha Taneja	BA Libral Arts
36	Manipal University Jaipur	Jaipur	201002005	Abhinav Wadhwa	Bsc.Biotechnol ogy
37	Manipal University Jaipur	Jaipur	201007034	Garima Mahaur	Bsc. Psychology
38	Manipal University Jaipur	Jaipur	200901113	Aditya Mathur	BBA
39	Manipal University Jaipur	Jaipur	201103042	Navneet Bhukmariya	BA Hons Psychology
40	Manipal University Jaipur	Jaipur	209301040	Chandraveer Mathur	CSE
41	Manipal University Jaipur	Jaipur	201105015	Deepti Meena	BA Libral Arts
42	Manipal University Jaipur	Jaipur	209403017	Lohit Shandiliya	B. Tech Mechatronics
43	Manipal University Jaipur	Jaipur	209303345	Sejal Shrisale	CCE
44	Manipal University Jaipur	Jaipur	209303088	Atharva Chaudhari	CCE
45	Manipal University Jaipur	Jaipur	209302183	Siddharth Dhaka	B. Tech IT
46	Manipal University Jaipur	Jaipur	209302354	Raghav Ruia	B. Tech Mechatronics
47	Manipal University Jaipur	Jaipur	209301186	Aryan Bansal	CSE
48	Manipal University Jaipur	Jaipur	209301496	Pranav Shrivastava	CSE
49	Manipal University Jaipur	Jaipur	209302323	Priyam Agarwal	B. Tech IT
50	Manipal University Jaipur	Jaipur	209402037	Apar Gupta	Mechanical
	Manipal	Jaipur	209301160	Vaibhav Shoree	CSE



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51	University Jaipur				
53	Manipal University Jaipur	Jaipur	201007007	Ayushi Gupta	Bsc. Hons. Psychology
54	Manipal University Jaipur	Jaipur	201015039	Parth Sharma	BCA
55	Manipal University Jaipur	Jaipur	209309042	Vikramaditya Hiran	DSE
56	Manipal University Jaipur	Jaipur	209303087	Akash Shedage	CCE
57	Manipal University Jaipur	Jaipur	209301086	Urvi Dhasmana	CSE
58	Manipal University Jaipur	Jaipur	229403013	Gunn Verma	Mechatronics
59	Manipal University Jaipur	Jaipur	229302083	Vedic Varma	CSE (CORE)
60	Manipal University Jaipur	Jaipur	229303191	Krishang Shukla	BTech CCE
61	Manipal University Jaipur	Jaipur	229302371	Rishika Bhagawati	Btech IT
62	Manipal University Jaipur	Jaipur	229309218	Kartikey Sharma	Btech data science
63	Manipal University Jaipur	Jaipur	221305021	Nehal Dashottar	BBA LLB
64	Manipal University Jaipur	Jaipur	220113244	Daksh sharma	BBA LLB
65	Manipal University Jaipur	Jaipur	229309035	Krishang Goel	IT
66	Manipal University Jaipur	Jaipur	229311254	Gargi Arora	CSE (IoT and IS)
67	Manipal University Jaipur	Jaipur	229303405	anav lamba	CCE
68	Manipal University Jaipur	Jaipur	200901298	Rajeev Sharma	BBA
69	Manipal University Jaipur	Jaipur	209303239	Abhinav Jindal	IT
70	Manipal University Jaipur	Jaipur	209301053	Nadella Rutvik Ramana	CSE
71	Manipal University Jaipur	Jaipur	211007071	Anuja pol	Bsc psychology hons
72	Manipal University Jaipur	Jaipur	211007003	Lakshita	Bsc psychology hons
73	Manipal University Jaipur	Jaipur	219303064	Shobhit Bansal	CCE
74	Manipal University Jaipur	Jaipur	210903065	Prerana Singh	Bcom Accounting
75	Manipal University Jaipur	Jaipur	201003007	Garima Ghaley	Bsc. Hons. Microbiology
76	Manipal University Jaipur	Jaipur	209303333	Nivedita Ramaesh	CCE
77	Manipal University Jaipur	Jaipur	201101037	Aishwarya Seth	BA- Economics



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78	Manipal University Jaipur	Jaipur	209303268	NAJID KHAN	IT
79	Manipal University Jaipur	Jaipur	209309118	SRIJAN SINGH VATS	IT
80	Manipal University Jaipur	Jaipur	219302105	SHIV PATEL	IT
81	Manipal University Jaipur	Jaipur	219302110	MANAS SRIVASTAVA	IT
82	Manipal University Jaipur	Jaipur	219302113	SATISH KUMAR YADAV	IT
83	Manipal University Jaipur	Jaipur	219302114	SHIVANG BANSAL	IT
84	Manipal University Jaipur	Jaipur	219302116	SARTHAK GARG	IT
85	Manipal University Jaipur	Jaipur	219302121	ANAMITRA BARUAH	IT
86	Manipal University Jaipur	Jaipur	219302122	SARAS MEHTA	IT
87	Manipal University Jaipur	Jaipur	219302124	LAKSHYA SHARMA	IT
88	Manipal University Jaipur	Jaipur	219302126	NIJA KHARANGAR	IT
89	Manipal University Jaipur	Jaipur	219302128	BHAVYA SHRIVASTAVA	IT
90	Manipal University Jaipur	Jaipur	219302129	SAMRIDDHI SRIVASTAVA	IT
91	Manipal University Jaipur	Jaipur	219302137	HARSH RAJ	IT
92	Manipal University Jaipur	Jaipur	219302139	AMAN SINGH	IT
93	Manipal University Jaipur	Jaipur	209302394	HARSHVARDHAN	IT
94	Manipal University Jaipur	Jaipur	209302396	AYUSH ANAND	IT
95	Manipal University Jaipur	Jaipur	209302397	ALICE JAIN	IT
96	Manipal University Jaipur	Jaipur	209302398	VANSH SHARMA	IT
97	Manipal University Jaipur	Jaipur	209303085	AAYUSH KUMAR	IT
98	Manipal University Jaipur	Jaipur	209303094	DEV SRIVASTAVA	IT
99	Manipal University Jaipur	Jaipur	209303105	DIVYAJEET SINGH	IT
100	Manipal University Jaipur	Jaipur	209303205	KARTIK GULPADIA	IT
101	Manipal University Jaipur	Jaipur	209303237	TARUSH KUMAR	IT



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102	Manipal University Jaipur	Jaipur	219303120	Pravartika mishra	Btech IT
103	Manipal University Jaipur	Jaipur	219303066	Sivam Pratik	IT
104	Manipal University Jaipur	Jaipur	219301133	Soham Dixit	Btech CSE
105	Manipal University Jaipur	Jaipur	219301208	Divyansh Jain	Cse core


15/12/2022
Seal and Signature of Head with date

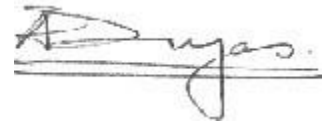
HOD, IT
MANIPAL UNIVERSITY



(Hemant Kumar)

Assistant Director, Society Connect

Directorate of Student's Welfare



(Prof. AD Vyas)

Director, Directorate of Student's Welfare

DIRECTOR STUDENT WELFARE & PROCTOR
MANIPAL UNIVERSITY, JAIPUR



**MANIPAL UNIVERSITY
JAIPUR**

MUJ/DSW/Student Clubs/2021/RGC/01 April

DIRECTORATE OF STUDENTS' WELFARE

Society Connect



THE GLOBAL GOALS RUN

Offline Event

Date: 3rd April 2022



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MANIPAL UNIVERSITY JAIPUR

1. Introduction of the Event

Rotaract Green Club in collaboration with AIESEC, Jaipur hosted 'The Global Goals Run 2022'. It took place on 3rd April 2022 from 6 a.m.

The event consisted of marathons as well as a walk-a-thon. The Run started from Patrika Gate, Jaipur at 6 in the morning. Students from MUJ and people from all over the city participated enthusiastically. A Zumba session was held before the marathon to energize the crowd.

2. Objective of the Event

- Spread awareness on fitness
- Direct students' mind in constructive activities
- Contribution to the societal health.
- Work towards sustainable development goals.
- Create awareness regarding importance of health.
- Promote importance of exercise and morning walk.

3. Beneficiaries of the Event

Community and students of the MUJ

4. Details of the Guests with contact details

NA

5. Brief Description of the event

The Rotaract Green Club, Manipal University Jaipur and *AIESEC* in Jaipur present Global Run 2022. We aim to spread awareness of The Sustainable Development Goals initiated by the United Nations through the run and promote peace and fitness in the society.

Venue- Patrika Gate Jaipur

Date time:- 3rd April, 5:00 AM Onwards

*Distance Categories :

5km Walkathon -200/-

6Km Run 200/-



MANIPAL UNIVERSITY JAIPUR

10 Km Run 200/-

Run towards Goals

Age criteria: 6 years to 80 years

Awards for participants:-

Participant T-shirt

Certificate of participation to all

Zumba [Pre Marathon]

Yoga [Post Marathon]

Trophy and medals to winners

Certificate on completion of the Marathon

Hydration

Refreshments

Route support

Medical support

6. 3 to 5 photographs of the event or screenshots of the event (if online) with captions



Jawahar Circle

Jagatpura, Jaipur, Rajasthan 3020...

26.841742, 75.801392



Fig1. Everyone participating in Zumba



Fig2. People of age 6 to 80 participating enthusiastically



Fig3. Students awarded with medals



7. Brochure or creative of the event



8. Schedule of the event

The event took place on 3rd April 2002, 6 a.m. onwards. It took place at Patrika Gate, Jaipur.

9. Attendance of the Event (insert in the document only)

Total attendee- 53

S.NO.	Name	Age	Contact number	Profession(mention college/school/company/others)
1	Aarushi Tandon	20	9550902570	College
2	Yasha Jain	21	9407882300	College
3	Vitika	18	9316194084	college



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4	PRATHAM MAHESH HARIANI	19	9987230216	Colleege
5	Anisha	18	8383915207	College
6	Aryan Chitale	20	9768171027	College Student
7	Dhruv Bhatia	18	8376009355	College
8	Sanya Dureja	19	9643409394	College
9	Nysa Maheshwari	18	7229056111	Manipal University Jaipur
10	Nikita Singh	19	9550409480	Student at Manipal University Jaipur
11	Akash Shedage	19	8522956221	Manipal University Jaipur
12	Anikeit Bagaria	19	8178740456	Manipal University Jaipur
13	Avij Gupta	19	8917510094	College student - Manipal University Jaipur
14	Palak Chouhan	18	9929873333	College
15	Garima Ghaley	20	6033164800	Student, MUJ
16	Kartikey Joshi	19	7355592785	College Student
17	Prannov Jamadagni	19	9502979388	Manipal University Jaipur
18	Chinmayee Dahake	20	7647901917	College student
19	Yuva	18	8855341508	College
20	Anisha dhamania	18	9148250888	College
21	Devashish Singh	19	8857067583	College
22	Manish Raj	21	7782821634	Student
23	Abhinav Sinha	18	9352539319	Manipal University Jaipur
24	Urvi Dhasmana	19	9310021980	College Student
25	Nirbhay kumar	18	6207935550	Manipal university jaipur
26	Ansh us gupta	19	7409656921	Manipal University Jaipur
27	Hitesh tanwar	18	8375058386	Manipal university jaipur
28	siddhi gujar	19	9361435953	College student
29	Ritvik Agrawal	18	9993608400	College student



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30	Harshit Saha	18	8949490460	College
31	Surbhi Wadhawan	21	8130072401	Student at Manipal University Jaipur
32	Aditi Singh	20	9910602994	Student at Manipal University Jaipur
33	Ayam kaushik	18	7330986163	Manipal university jaipur
34	Naveen Katiyar	20	80815 81409	Student at Manipal University Jaipur
35	Dakshit Chandel	19	7982707484	Manipal University jaipur
36	Anushkaa Awasthi	20	8056160466	MUJ
37	nandish parashar	20	6378218858	College student
38	Aditi Tiwari	19	9336796844	College
39	Kumar Ayush	19	6201902990	College
40	Ayushi Gupta	22	8420079825	Student at Manipal University Jaipur
41	Jai Nandwana	19	7073937621	College
42	Gaurav Vishwakarma	20	9414570635	College
43	Muskan Yadav	20	9381108256	College
44	Divya	19	8879657943	College
45	Joy Brar	19	8196800210	College
46	Akshvin K Singhal	19	7599679111	College
47	Deepti meena	18	7974630453	Manipal University Jaipur
48	Ansh Chawla	19	9312269580	College(Manipal University Jaipur)
49	Garima Mahaur	20	95401 53468	College
50	Priyansha Darbari	21	9454829994	College
51	Samir Jain	21	8696102515	College
52	Harshit Kumar Metpally	19	9949010409	Manipal University Jaipur
53	Radhika Ratji	21	9924147081	College



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54	Rahul Raj	21	9955950898	College
55	Tarun Agarwal	18	9784953529	Collage
56	Rohan bhandari	18	9989515705	College
57	Rishi garg	20	8225823857	MUJ school
58	BHOOMI LODHA	19	7219271346	College
59	Sumeet Shivaprasad	21	8291079449	Student @ MUJ
60	RADHIKA KHANDELWAL	18	9105054212	Manipal University Jaipur
61	Jagjit Singh	22	8233359668	College
62	Mridul Verma	19	7289984793	College
63	KAPISH SHARMA	18	9354854651	College
64	Shubham Mehta	18	8287636212	College
65	Kuldeep Singh Shekhawat	18	9116418169	Colleg geek
66	Sushmita Sadhwan	20	9422309403	College
67	Tanishka Kurian	20	9352340393	Manipal University Jaipur
68	Meghaj Garg	20	8955317415	Student
69	Tarun Meena	20	8955155581	Student
70	Akshat Choudhary	21	8890807703	Manipal University Jaipur
71	Shaan Ahuja	21	8860020284	Manipal University Jaipur

10. Link of MUJ website: **NA**

Signature of the Faculty Coordinator

Prof. AD Vyas),

Signature of Director, DSW



MANIPAL UNIVERSITY
JAIPUR

MUJ/DSW/SC/11 March 2022/01



MANIPAL UNIVERSITY
JAIPUR

DIRECTORATE OF STUDENT'S WELFARE

(SOCIETY CONNECT)



Health & Hygiene

“A healthy woman makes a healthy society”

Date of Event: 11th March 2022



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1. Introduction of the Event: -

Directorate of Students' Welfare along with Rotary Club Jaipur, Bapu Nagar conducted a Health and Hygiene awareness campaign among the students at Government Senior Secondary School, Begas. It was a physical activity involving the students from NCC, DSW and the Rotaract Green Club MUJ.

2. Objective of the Event: -

- To make the school students understand the value and importance of Health & Hygiene.
- Providing MUJ students exposure about society around them through such societal connect activities

3. Beneficiaries of the Event: -

The event was conducted for Class XI and XII students at Government Senior Secondary School, Begas and Students of Manipal University Jaipur.

4. Details of the Guests

Rotary Club Jaipur Bapu Nagar

Rotary started with the vision of one man — Paul Harris. The Chicago attorney formed the Rotary Club of Chicago on 23 February 1905, so professionals with diverse backgrounds could exchange ideas and form meaningful, lifelong friendships.

Over time, Rotary's reach and vision gradually extended to humanitarian service. Members have a long track record of addressing challenges in their communities and around the world.

Rotary is a global network of 1.4 million neighbors, friends, leaders, and problem-solvers who see a world where people unite and take action to create lasting change — across the globe, in our communities, and in ourselves. They provide service to others, promote integrity, and advance world understanding, goodwill, and peace through our fellowship of business, professional, and community leaders. We collaborate with community leaders who want to get to work on projects that have a real, lasting impact on people's lives. We connect passionate people with diverse perspectives to exchange ideas, forge lifelong friendships, and, above all, take action to change the world.

5. Brief Description of the event: -

This event involved a Live Rural Water Lab demonstration by Dr. Monika Sogani, Sanitation and Women Safety – Dr. Meena Kumari Sharma, general awareness given by Mr. N M Mathur Club President Rotary Jaipur and other dignitaries were also given their thought about the Health and Hygiene. A quiz session was organized by Rotaract Green Club MUJ, and prizes were given to the winning students. Director, DSW Prof. A D Vyas, others addressed the students about the issues and significance of Hygiene. The program culminated with a small cultural Program.

6. Photographs of the event with captions: -

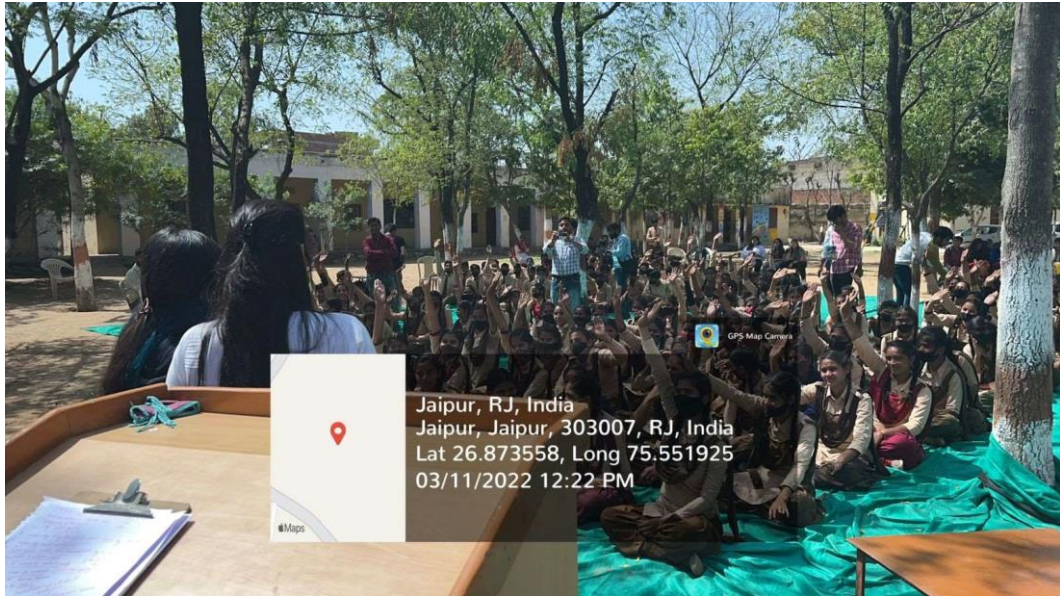


Image 1 Students doing interaction with school students



Image 2 Distribution of Pens among school students



Image 3 talk on Water Sanitation

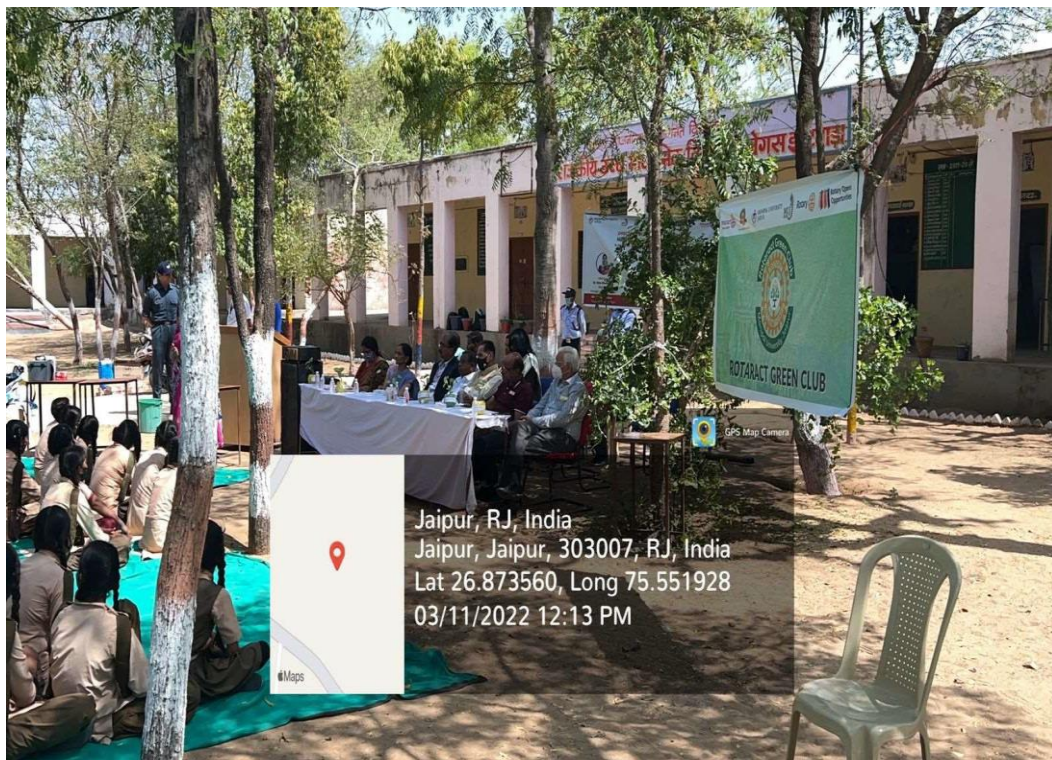
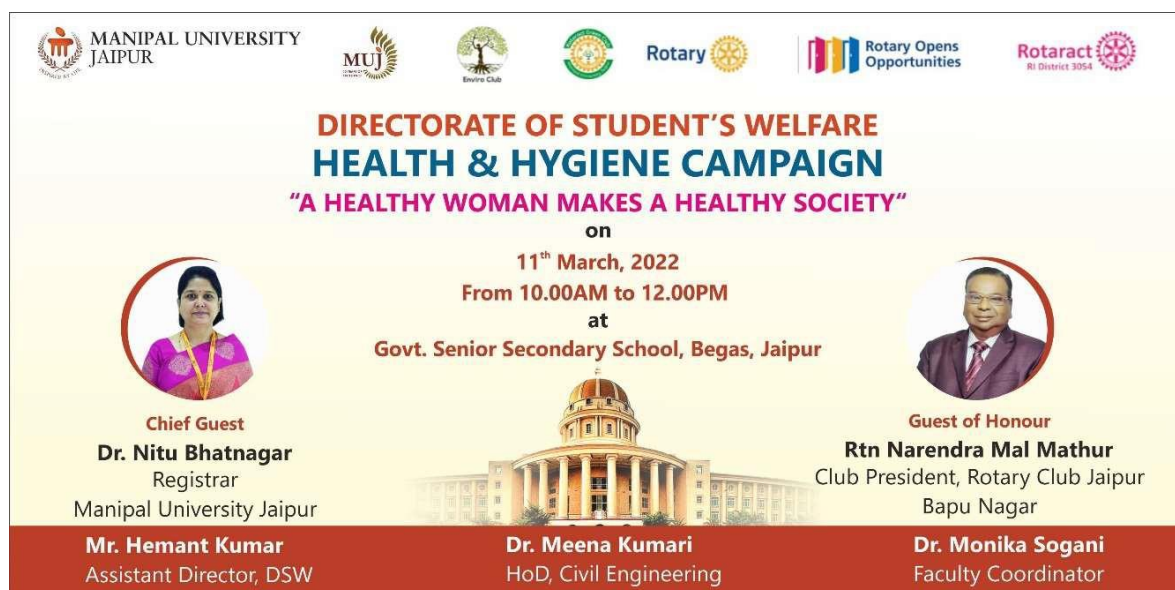


Image 4 Team MUJ and Rotary Club Bapu Nagar

7. Brochure of the Event:



MANIPAL UNIVERSITY JAIPUR | MUJ | Ewre Club | Rotary | Rotary Opens Opportunities | Rotaract At District 3954

**DIRECTORATE OF STUDENT'S WELFARE
HEALTH & HYGIENE CAMPAIGN**
"A HEALTHY WOMAN MAKES A HEALTHY SOCIETY"

on
11th March, 2022
From 10.00AM to 12.00PM
at
Govt. Senior Secondary School, Begas, Jaipur

Chief Guest
Dr. Nitu Bhatnagar
Registrar
Manipal University Jaipur

Guest of Honour
Rtn Narendra Mal Mathur
Club President, Rotary Club Jaipur
Bapu Nagar

Mr. Hemant Kumar
Assistant Director, DSW

Dr. Meena Kumari
HoD, Civil Engineering

Dr. Monika Sogani
Faculty Coordinator

8. Schedule of the event: -

March 11th, 2022, from 10 AM to 12 PM

S.No.	Name of the Event	Duration	Timings
1	Welcome of : Registrar MUJ, Principal Begas School and Rotary Club officials.	5 min	10:00- 10:05 AM
2	Introduction of the events	5 min	10:05-10:10 AM
3	Address by Rotary Club Jaipur officials about Woman Health and Hygiene	10 min	10:10-10:20 AM
4	Address by Dr. Nitu Bhatnagar, Registrar MUJ	10 min	10:20-10:30 AM
5	Live Rural Water Lab demonstration by Dr. Monika Sogani	30 min	10:30-11:00 AM
6	Sanitation and Women Safety – Dr. Meena Kumari Sharma	30 min	11:00-11:30 AM
7	Quiz and Prize distribution by Rotract Green Club and MUJ, Followed by Lunch of Rotary dignitaries at MUJ after 12 pm	30 min	11.30-12.00 pm



9. Attendance of the Event

Total attendee- 53(47 Students & 6 Faculty Members)

Sr. No	Name of Institution	Place of Institution	Registration Number/Employee code	Name of Attendee	Name of Dept
1	Manipal University Jaipur	Jaipur	200901164	Pratham	BBA
2	Manipal University Jaipur	Jaipur	201007034	Garima	Dept. of Psychology
3	Manipal University Jaipur	Jaipur	209403025	Akshvin Singhal	Mechatronics Engg.
4	Manipal University Jaipur	Jaipur	201105015	Deepti	Liberal Arts
5	Manipal University Jaipur	Jaipur	209303107	Ansh Chawla	CCE
6	Manipal University Jaipur	Jaipur	201103042	Navneet Bhukhmariya	Psychology
7	Manipal University Jaipur	Jaipur	201201036	Garima Shah	BJMC
8	Manipal University Jaipur	Jaipur	209301086	Urvi Dhasmana	CSE
9	Manipal University Jaipur	Jaipur	201201029	Shikha Sangtani	BJMC
10	Manipal University Jaipur	Jaipur	201015007	Shivam	BCA
11	Manipal University Jaipur	Jaipur	209303182	Karan Arora	CCE
12	Manipal University Jaipur	Jaipur	200901152	Parineeta Jain	BBA
13	Manipal University Jaipur	Jaipur	209302256	Prashant Pandey	IT
14	Manipal University Jaipur	Jaipur	209301396	Samridhi Chauhan	CSE
15	Manipal University Jaipur	Jaipur	201007067	Tanisha Mina	Psychology
16	Manipal University Jaipur	Jaipur	209303354	Yogesh Agarwal	CCE
17	Manipal University Jaipur	Jaipur	201102014	Aakansha Singh	Bachelor Of Arts BA
18	Manipal University Jaipur	Jaipur	209309051	Shubhangi Gosh	DSA
19	Manipal University Jaipur	Jaipur	209402053	Ishan Sharma	Mechanical
20	Manipal University Jaipur	Jaipur	209301350	Arnav Katgeri	CSE
21	Manipal University Jaipur	Jaipur	209302301	Yash Shrivastava	IT



MANIPAL UNIVERSITY JAIPUR

22	Manipal University Jaipur	Jaipur	201103019	Vani Ghai	Psychology
23	Manipal University Jaipur	Jaipur	209303123	Kanupriya Bhardwaj	CCE
24	Manipal University Jaipur	Jaipur	200901298	Rajeev Sharma	BBA
25	Manipal University Jaipur	Jaipur	209202018	Mukul Rewri	ECE
26	Manipal University Jaipur	Jaipur	209301074	Ayush Sehgal	CSE
27	Manipal University Jaipur	Jaipur	199101004	Samir Jain	Chemical
28	Manipal University Jaipur	Jaipur	209202207	Piyushraj Sing	ECE
29	Manipal University Jaipur	Jaipur	209309089	Nikita Singh	DSE
30	Manipal University Jaipur	Jaipur	209303128	Prakhar Chandrakar	CCE
31	Manipal University Jaipur	Jaipur	209301331	Ishaan sharma	CSE
32	Manipal University Jaipur	Jaipur	209302215	Shivam Agrawal	CSE
33	Manipal University Jaipur	Jaipur	199202026	Shreyas Singh	CSE
34	Manipal University Jaipur	Jaipur	190903006	Abhigyan Gupta	B.Com.
35	Manipal University Jaipur	Jaipur	199403002	Shaan Ahuja	MECT
36	Manipal University Jaipur	Jaipur	191103027	Varnika Saha	Psychology
37	Manipal University Jaipur	Jaipur	201007002	Pranav Saxena	Psychology
38	Manipal University Jaipur	Jaipur	201002023	Aditi Agarwal	BSC
39	Manipal University Jaipur	Jaipur	191003002	Ritika Agarwal	BSC
40	Manipal University Jaipur	Jaipur	191002021	Sutapa Das	BSC
41	Manipal University Jaipur	Jaipur	191002020	Ayush Dahmiwal	BSC
42	Manipal University Jaipur	Jaipur	201003001	Gilchrist Singh	BSC
43	Manipal University Jaipur	Jaipur	201003001	Tarushi Jain	BSC
45	Manipal University Jaipur	Jaipur	201002019	Sanjana Pal	BSC
46	Manipal University Jaipur	Jaipur	201002031	Sakshi Tripathi	BSC



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47	Manipal University Jaipur	Jaipur	191002006	Devendra Sharma	BSC
48	Manipal University Jaipur	Jaipur	191003005	Fhalguni Bhardwaj	BSC
49	Manipal University Jaipur	Jaipur	MUJ0492	Dr. Rina poonia	Deputy. Director DSW
50	Manipal University Jaipur	Jaipur	MUJ0446	Dr. Meena Kumari Sharma	Hod Civil
51	Manipal University Jaipur	Jaipur	MUJ0534	Dr. Monika Sogani	Faculty Coordinator
52	Manipal University Jaipur	Jaipur	MUJ0586	Dr, Anil Dutt Vyas	Director DSW
53	Manipal University Jaipur	Jaipur	MUJ0246	Mr. Hemant Kumar	Assistant Director DSW

10. Link of MUJ website:

Pre-Event Info Link – [Health & Hygiene -A healthy woman makes a healthy society \(manipal.edu\)](https://manipal.edu)

(Hemant Kumar)

**Assistant Director, Society Connect
Directorate of Student's Welfare**

(Prof. AD Vyas)

Director, Directorate of Student's Welfare



MANIPAL UNIVERSITY
JAIPUR

MUJ/DSW/SC/10 Oct 2022



MANIPAL UNIVERSITY
JAIPUR

DIRECTORATE OF STUDENT'S WELFARE

(SOCIETY CONNECT)



Event Report

on

National Happiness Yatra

“Happiness Fest 2022”

Date of Event: 10th Oct 2022



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1. Introduction of the Event: -

Directorate of Students' Welfare along with Rotary Club Jaipur, Bapu Nagar and All India Council of Technical Education (AICTE) in association with Heartfulness Education Trust (HET) and Unique App- Your One Life (YOL) is going to organize "NATIONAL HAPPINESS YATRA – Happiness Fest" at MUJ. You all are invited to be the part of this new era of happiness. We would like to inform you about our participation and recognition at the National Happiness Unicorn Awards-2022. Now MUJ have been a part of planned a unique 'National Happiness Yatra' covering all states of India with an objective to drive engagement and adoption of happiness. So, we intend to organize a "Happiness Fest" at our MUJ campus. Foremost, in association with the UN, our university is announced as the "REGIONAL NODAL HAPPINESS CENTER".

2. Objective of the Event: -

- To make the school students understand the value and importance of Happiness.
- Create happiness Society
- Mounting the students on a unique Happiness Blockchain
- Distribution of free Happiness coins to all students.
- Inaugurating Happiness digital wall which will also have a live prog happening anywhere in India
- Providing MUJ students exposure about society around them through such societal connect activities

3. Beneficiaries of the Event: -

Our institution will be able to map and manage the stress level of the students with the event. Our students will have better EQ and IQ which will lead to a better life.

4. Details of the Guests

Rotary Club Jaipur Bapu Nagar

Rotary started with the vision of one man — Paul Harris. The Chicago attorney formed the Rotary Club of Chicago on 23 February 1905, so professionals with diverse backgrounds could exchange ideas and form meaningful, lifelong friendships.

Over time, Rotary's reach and vision gradually extended to humanitarian service. Members have a long track record of addressing challenges in their communities and around the world.



Rotary is a global network of 1.4 million neighbors, friends, leaders, and problem-solvers who see a world where people unite and take action to create lasting change – across the globe, in our communities, and in ourselves. They provide service to others, promote integrity, and advance world understanding, goodwill, and peace through our fellowship of business, professional, and community leaders. We collaborate with community leaders who want to get to work on projects that have a real, lasting impact on people’s lives. We connect passionate people with diverse perspectives to exchange ideas, forge lifelong friendships, and, above all, take action to change the world.

Your One Life (YOL)

Happiness is a program that is taught across some of the world's finest institutions such as Harvard, MIT, etc." The program has been approved in line with the NEP and INDIAN KNOWLEDGE SYSTEMS. This unique program delivered on an app tokenises happiness and enables students and users to earn NFTs. Institutions wishing to grant credits against the use of the program by students may do so, The program is self taught and self learning app and does NOT require any faculty intervention. It is being introduced to enhance the 'EQ' AND 'IQ' of the students that is MORE IMPORTANT to the EMPLOYERS than the academic scores. It impacts their cognitive, spatial and temporal faculties of the mind.

5. Brief Description of the event: -

All India Council of Technical Education (AICTE) in association with Heartfulness Education Trust (HET) and Unique App- Your One Life (YOL) is going to organize “NATIONAL HAPPINESS YATRA – Happiness Fest” at MUJ. You all are invited to be the part of this new era of happiness. We would like to inform you about our participation and recognition at the National Happiness Unicorn Awards-2022. Now MUJ have been a part of planned a unique ‘National Happiness Yatra’ covering all states of India with an objective to drive engagement and adoption of happiness. So, we intend to organize a “Happiness Fest” at our MUJ campus. Foremost, in association with the UN, our university is announced as the “REGIONAL NODAL HAPPINESS CENTER”. So, all are invited to be a part of “NATIONAL HAPPINESS YATRA – Happiness Fest” at MUJ On 10th of Oct 2022, Monday from 10:00 AM- 12:30 PM.

6. Photographs of the event with captions: -



Image Mr Yogesh addressing the gathering of student



Image Dr. Prabhu, President of MUJ Addressing the Students



Image YOL team with Dr. G K Prabhu and DSW team



Image Students at the National Happiness yatra



Image Group Photograph of Team YOL with MUJ Students and DSW Team



MANIPAL UNIVERSITY
JAIPUR

7. Brochure of the Event:

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MANIPAL UNIVERSITY JAIPUR
PRESENTS
**NATIONAL
HAPPINESS YATRA
2022
HAPPINESS FEST**

10th OCTOBER, 2022
Time 10:00 AM - 12:30 PM
Venue: Dr. T.M.A. Pai Auditorium

ORGANISED BY
DIRECTORATE OF STUDENT'S WELFARE



8. Schedule of the event: -

S.NO.	Event Proceeding	Time
1	Introduction by Yogi on Happiness	10.00 AM - 1030 AM
2	Happiness Six Sigma, blockchain, and happiness token - explain the concept of the Happiness App	1030 AM - 11. 30 AM
3	Ambassador selection and distribution of Happiness stones	11.35 AM - 11.50 AM
4	Address by Prof. A D Vyas Director, DSW	11.50 AM - 12 PM
5	Photo op on the stage	12.00 PM

9. Attendance of the Event

Total attendee- 330(324 Students & 6 Faculty Members)

S. No.	Name of Institution	Reg. No	Full name	Year	Branch
1	Manipal University Jaipur	200901164	Pratham Kapoor	3rd	BBA
2	Manipal University Jaipur	209403025	Akshvin K Singhal	3rd	B.Tech Mechatronics
3	Manipal University Jaipur	209303107	Ansh Chawla	3rd	CCE
4	Manipal University Jaipur	199303074	Vaibhav Vats	4th	CCE
5	Manipal University Jaipur	201103019	Vani Ghai	3rd	BA Hons Psychology
6	Manipal University Jaipur	201105005	Yasha Taneja	3rd	BA Libral Arts
7	Manipal University Jaipur	201002005	Abhinav Wadhwa	3rd	Bsc.Biotechnology
8	Manipal University Jaipur	201007034	Garima Mahaur	3rd	Bsc. Psychology
9	Manipal University Jaipur	200901113	Aditya Mathur	3rd	BBA
10	Manipal University Jaipur	201103042	Navneet Bhukmariya	3rd	BA Hons Psychology



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11	Manipal University Jaipur	209301040	Chandraveer Mathur	3rd	CSE
12	Manipal University Jaipur	201105015	Deepti Meena	3rd	BA Libral Arts
13	Manipal University Jaipur	209403017	Lohit Shandiliya	3rd	B. Tech Mechatronics
14	Manipal University Jaipur	209303345	Sejal Shrisale	3rd	CCE
15	Manipal University Jaipur	209303088	Atharva Chaudhari	3rd	CCE
16	Manipal University Jaipur	209302183	Siddharth Dhaka	3rd	B. Tech IT
17	Manipal University Jaipur	209302354	Raghav Ruia	3rd	B. Tech Mechatronics
18	Manipal University Jaipur	209301186	Aryan Bansal	3rd	CSE
19	Manipal University Jaipur	209301496	Pranav Shrivastava	3rd	CSE
20	Manipal University Jaipur	209302323	Priyam Agarwal	3rd	B. Tech IT
21	Manipal University Jaipur	209402037	Apar Gupta	3rd	Mechanical
22	Manipal University Jaipur	209301160	Vaibhav Shoree	3rd	CSE
23	Manipal University Jaipur	201007007	Ayushi Gupta	3rd	Bsc. Hons. Psychology
24	Manipal University Jaipur	201015039	Parth Sharma	3rd	BCA
25	Manipal University Jaipur	209309042	Vikramaditya Hiran	3rd	DSE
26	Manipal University Jaipur	209303087	Akash Shedage	3rd	CCE
27	Manipal University Jaipur	209301086	Urvi Dhasmana	3rd	CSE
28	Manipal University Jaipur	201003007	Garima Ghaley	3rd	Bsc. Hons. Microbiology
29	Manipal University Jaipur	209303333	Nivedita Ramaesh	3rd	CCE
30	Manipal University Jaipur	201101037	Aishwarya Seth	3rd	BA-Economics
31	Manipal University Jaipur	219302360	Disha Agarwal	2nd	IT



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32	Manipal University Jaipur	219302421	Bhavin Sehrawat	2nd	B.Tech IT
33	Manipal University Jaipur	219301155	Nishita Gogia	2nd	Btech CSE (Core)
34	Manipal University Jaipur	219311125	Yash verma	2nd	Cse iot
35	Manipal University Jaipur	210901018	Pratham choudhary	2nd	BBA
36	Manipal University Jaipur	219311161	Anisha Lamba	2nd	BTech in CSE
37	Manipal University Jaipur	229403013	Gunn Verma	1st	Mechatronics
38	Manipal University Jaipur	229302083	Vedic Varma	1st	CSE (CORE)
39	Manipal University Jaipur	229303191	Krishang Shukla	1st	BTech CCE
40	Manipal University Jaipur	229302371	Rishika Bhagawati	1st	Btech IT
41	Manipal University Jaipur	229309218	Kartikey Sharma	1st	Btech data science
42	Manipal University Jaipur	221305021	Nehal Dashottar	1st	BBA LLB
43	Manipal University Jaipur	220113244	Daksh sharma	1st	BBA LLB
44	Manipal University Jaipur	229309035	Krishang Goel	1st	IT
45	Manipal University Jaipur	229311254	Gargi Arora	1st	CSE (IoT and IS)
46	Manipal University Jaipur	229303405	anav lamba	1st	CCE
47	Manipal University Jaipur	200901298	Rajeev Sharma	3rd	BBA
48	Manipal University Jaipur	209303239	Abhinav Jindal	3rd	IT
49	Manipal University Jaipur	209301053	Nadella Rutvik Ramana	3rd	CSE
50	Manipal University Jaipur	211007071	Anuja pol	2nd	Bsc psychology honours
51	Manipal University Jaipur	211007003	Lakshita	2nd	Bsc psychology honours
52	Manipal University Jaipur	219303064	Shobhit Bansal	2nd	CCE



53	Manipal University Jaipur	210903065	Prerana Singh	2nd	Bcom Accounting
54	Manipal University Jaipur	219301331	Ayush Goyal	2nd	CSE
55	Manipal University Jaipur	219310146	Yoshe vijay	2nd	BTech CSE
56	Manipal University Jaipur	210901317	Pranav Agarwal	2nd	BBA
57	Manipal University Jaipur	219309129	Nayonika Sharma	2nd	Btech Data Science
58	Manipal University Jaipur	219311064	Khushboo Tewari	2nd	CSE
59	Manipal University Jaipur	210901184	Nihal	2nd	BBA
60	Manipal University Jaipur	219303126	Divyanshee Saxena	2nd	Btech CCE
61	Manipal University Jaipur	219301388	Madhur Dhingra	2nd	CSE
62	Manipal University Jaipur	219302301	Vanshika Singh Andotra	2nd	IT
63	Manipal University Jaipur	211103012	Jessica Agarwal	2nd	BA -psychology
64	Manipal University Jaipur	219310180	harshit shah	2nd	CSE
65	Manipal University Jaipur	211007011	Kashish parmar	2nd	Bsc psychology
66	Manipal University Jaipur	219403030	rupansh goyal	2nd	mechatronics
67	Manipal University Jaipur	219303120	Pravartika mishra	2nd	Btech IT
68	Manipal University Jaipur	219303066	Sivam Pratik	2nd	IT
69	Manipal University Jaipur	219301133	Soham Dixit	2nd	Btech CSE
70	Manipal University Jaipur	219301208	Divyansh Jain	2nd	Cse core
71	Manipal University Jaipur	219107001	Mohd kaif	2nd	Civil
72	Manipal University Jaipur	211201059	Madhav Methi	2nd	BAJ&MC
73	Manipal University Jaipur	219301390	Tanay Daga	2nd	Btech CSE



74	Manipal University Jaipur	219310182	Garvit Narula	2nd	BTECH CSE
75	Manipal University Jaipur	211007024	Arundhati de	2nd	bsc psychology
76	Manipal University Jaipur	210901118	Manan Vyas	2nd	BBA
77	Manipal University Jaipur	219301009	Aryav Goyal	2nd	Btec Cse
78	Manipal University Jaipur	210901140	Bhoomi Lodha	2nd	BBA
79	Manipal University Jaipur	219301137	Aditya Pandey	2nd	CSE
80	Manipal University Jaipur	211007008	Trishita Banerjee	2nd	BSc Psychology
81	Manipal University Jaipur	210901341	Kanika Mahajan	2nd	BBA
82	Manipal University Jaipur	211103028	Avni Singh	2nd	BA-Psychology
83	Manipal University Jaipur	219301268	Datla Sai Prabhath Varma	2nd	CSE
84	Manipal University Jaipur	211007036	Manoj kumawat	2nd	B.sc Psychology
85	Manipal University Jaipur	210903075	Siddhant Garg	2nd	B. Com
86	Manipal University Jaipur	219301134	Astitva Goel	2nd	CSE
87	Manipal University Jaipur	210901112	Tejashwini Joshi	2nd	BBA
88	Manipal University Jaipur	219310063	N.Nikhil	2nd	CSE
89	Manipal University Jaipur	219302056	Harsh Pratap Singh	2nd	IT
90	Manipal University Jaipur	219301231	Devanshu Kejriwal	2nd	CSE
91	Manipal University Jaipur	219302116	sarthak garg	2nd	B.tech IT
92	Manipal University Jaipur	219301008	Isha goel	2nd	Btech CSE
93	Manipal University Jaipur	219301207	Rishabh bassi	2nd	CSE
94	Manipal University Jaipur	219310002	Purusharth Agarwal	2nd	Btech cse



95	Manipal University Jaipur	219309114	Vitika Vora	2nd	Data Science
96	Manipal University Jaipur	211103019	Aishani Dutta	2nd	Ba psychology
97	Manipal University Jaipur	219301078	Saurav Yadav	2nd	CSE
98	Manipal University Jaipur	211007043	Varnima Singh	2nd	Bsc. Psychology
99	Manipal University Jaipur	219309139	Radhika sharma	2nd	CSE
100	Manipal University Jaipur	219302203	Shreyans Jain	2nd	IT
101	Manipal University Jaipur	219311264	Manu Kabra	2nd	BTech , CSE
102	Manipal University Jaipur	219309057	Varun Mandloi	2nd	IT
103	Manipal University Jaipur	219301660	Shashwat Durugkar	2nd	CSE
104	Manipal University Jaipur	219310123	Chirag chetwani	2nd	CSE
105	Manipal University Jaipur	211301067	Paavni chadha	2nd	Ba.llb
106	Manipal University Jaipur	219301238	Pulkit Kohli	2nd	CSE
107	Manipal University Jaipur	219311289	Khushi Shukla	2nd	CSE IOT
108	Manipal University Jaipur	219302080	Nikshith Martha	2nd	IT
109	Manipal University Jaipur	219302198	Gautam Vhavle	2nd	IT
110	Manipal University Jaipur	219301235	Pratham Hariani	2nd	CSE
111	Manipal University Jaipur	219301588	Dhruv Kumar Pandey	2nd	CSE
112	Manipal University Jaipur	219302408	Shivansh Tyagi	2nd	IT
113	Manipal University Jaipur	219311321	Vaibhav Yadav	2nd	CCE
114	Manipal University Jaipur	219403013	Chirayu garg	2nd	Mechatronics
115	Manipal University Jaipur	210901028	Apoorva	2nd	Bba



116	Manipal University Jaipur	219302009	Ishaan Gulrajani	2nd	IT
117	Manipal University Jaipur	210901167	Archie Agrawal	2nd	BBA
118	Manipal University Jaipur	219302235	Prakhar Goel	2nd	IT
119	Manipal University Jaipur	211103001	Nikeeta Chaudhary	2nd	BA Psychology
120	Manipal University Jaipur	210901025	Parv Kumar Singh	2nd	BBA
121	Manipal University Jaipur	219302476	Manan Tola	2nd	BTech -IT
122	Manipal University Jaipur	211015087	Pratyaksh Bhandari	2nd	BCA
123	Manipal University Jaipur	219310330	Tanu Rathee	2nd	CSE AI-ML
124	Manipal University Jaipur	219311006	Mayank Shekhar Pal	2nd	CSE(Iot and IS)
125	Manipal University Jaipur	219301270	Paramesh Gurbaxani	2nd	CSE Core
126	Manipal University Jaipur	219302117	Shubhi Talati	2nd	Cse(aiml)
127	Manipal University Jaipur	229303369	Gourish G Pillai	1st	CCE
128	Manipal University Jaipur	229309232	Anshul Nag	1st	DSE
129	Manipal University Jaipur	221002055	Ojas bathla	1st	Bsc biotechnology
130	Manipal University Jaipur	229301673	Arnav Praneet	1st	B. Tech CSE Core
131	Manipal University Jaipur	224901003	Aseem Gupta	1st	Automobile
132	Manipal University Jaipur	229403011	Vibhor Agarwal	1st	Btech Mechatronics
133	Manipal University Jaipur	229202021	Ankita Singh	1st	IT
134	Manipal University Jaipur	229309063	Rishabh Karnwal	1st	Data science
135	Manipal University Jaipur	229303252	Tushar Singhal	1st	CCE
136	Manipal University Jaipur	229301360	Dev Dhiren Faldu	1st	CSE



137	Manipal University Jaipur	229301635	Nishant Thottarath	1st	BTech CSE
138	Manipal University Jaipur	229301386	Yug Sahni	1st	Btech CSE
139	Manipal University Jaipur	220901414	Ayush Jain	1st	BBA
140	Manipal University Jaipur	229302583	Shreyansh Agarwal	1st	B.TECH
141	Manipal University Jaipur	229311250	Abhed Agarwal	1st	CSE
142	Manipal University Jaipur	229102003	Ananya singh	1st	Civil engineering
143	Manipal University Jaipur	220901327	Anmol Dixit	1st	BBA
144	Manipal University Jaipur	229303054	Sanya	1st	CCE
145	Manipal University Jaipur	219311142	Tushar singh	2nd	Iot
146	Manipal University Jaipur	211103034	Aastha mehra	2nd	Ba hons psychology
147	Manipal University Jaipur	219302400	Anshika singh	2nd	IT
148	Manipal University Jaipur	210903076	Palak Agarwal	2nd	B.com hons
149	Manipal University Jaipur	211007067	Ishika Jaiswal	2nd	Bsc psychology
150	Manipal University Jaipur	219309033	Ribhav Loomba	2nd	IT
151	Manipal University Jaipur	219402013	Maansi Singh	2nd	Mechanical Engineering
152	Manipal University Jaipur	219301139	Rohan Sutradhar	2nd	Btech CSE
153	Manipal University Jaipur	219310165	Abhishek Kumar	2nd	CSE AI and ML
154	Manipal University Jaipur	211002039	Rochita Bani	2nd	Bsc Biotechnology
155	Manipal University Jaipur	219301153	Ojus A	2nd	CSE
156	Manipal University Jaipur	211002008	Anshi Agarwal	2nd	Bsc biotechnology
157	Manipal University Jaipur	229310247	Aditya Mishra	1st	AI ML



158	Manipal University Jaipur	229209009	Akash Mukherjee	1st	ECE
159	Manipal University Jaipur	229310336	Aditi Banga	1st	Btech CSE
160	Manipal University Jaipur	229309087	Aashi sharma	1st	Btech Data Science
161	Manipal University Jaipur	229309143	Aryan Jhamnani	1st	Cse (aiml hons)
162	Manipal University Jaipur	229309242	Anoushka Vats	1st	DSE
163	Manipal University Jaipur	229309162	Rashi Sharma	1st	DSE
164	Manipal University Jaipur	229309016	Yashana Kale	1st	BTech Dsc
165	Manipal University Jaipur	229301034	Maulik Mehrotra	1st	B tech cse core
166	Manipal University Jaipur	229302627	Rishita Jain	1st	Btech IT
167	Manipal University Jaipur	229311169	Chulika Parmar	1st	B.tech (iot and is)
168	Manipal University Jaipur	229301337	Ananya Tomar	1st	BTECH CSE
169	Manipal University Jaipur	220901277	PRASAN goyal	1st	BBA
170	Manipal University Jaipur	220901364	tanishq agarwal	1st	BBA
171	Manipal University Jaipur	229310353	Gattamaneni sumanth Chowdary	1st	Cse AI ML
172	Manipal University Jaipur	229310184	Pravin Gupta	1st	Cse AI ML
173	Manipal University Jaipur	229302477	Saunil bajpai	1st	IT
174	Manipal University Jaipur	211007040	Kashish Chadha	2nd	Bsc hons psychology
175	Manipal University Jaipur	219301215	Mukul Jindal	2nd	CSE
176	Manipal University Jaipur	219302324	Pranshu Maheshwari	2nd	IT
177	Manipal University Jaipur	219302480	Damandeep Singh	2nd	IT
178	Manipal University Jaipur	219310189	Shivendra Goenka	2nd	B TECH CSE AI & ML



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179	Manipal University Jaipur	219302471	Abhyudayaditya Kumar Singh	2nd	B.tech IT
180	Manipal University Jaipur	219301477	Arnav Mirji	2nd	CSE
181	Manipal University Jaipur	229302028	Saumya Una	1st	B.tech IT
182	Manipal University Jaipur	221103026	Srishti Joshi	1st	Psychology
183	Manipal University Jaipur	229302430	Kislay Kumar	1st	BTech (IT)
184	Manipal University Jaipur	221006010	Rohan Santosh Pandhre	1st	BSC PHYSICS HONS
185	Manipal University Jaipur	229303434	Vardan Agarwal	1st	CCE
186	Manipal University Jaipur	229301441	Abhiraj Singh	1st	B Tech CSE Core
187	Manipal University Jaipur	219202034	Shreyas samar shukla	2nd	ECE
188	Manipal University Jaipur	219311028	Naman Gupta	2nd	Cse (IOT)
189	Manipal University Jaipur	219311212	SAJAL JAIN	2nd	Btech cse iot
190	Manipal University Jaipur	211002053	ANSHULIKA SAXENA	2nd	BSC BIOTECHNOLOGY
191	Manipal University Jaipur	219311087	Ashish Goyal	2nd	CSE IOT
192	Manipal University Jaipur	219301092	Azam Khan	2nd	CSE
193	Manipal University Jaipur	219301187	Shashwat Goswami	2nd	BTech CSE
194	Manipal University Jaipur	211002011	Anvarshu Gopal	2nd	Bsc Biotech
195	Manipal University Jaipur	219301299	Tanay Shah	2nd	B.Tech CSE
196	Manipal University Jaipur	219310140	Lasya Varma	2nd	CSE AI-ML
197	Manipal University Jaipur	219309004	Angad Singh Dhaliwal	2nd	DSE
198	Manipal University Jaipur	219310294	Manu Gupta	2nd	CSE (AI & ML)
199	Manipal University Jaipur	219303077	Sankalp Misra	2nd	CC



200	Manipal University Jaipur	219309043	Jatin Juneja	2nd	B.Tech IT
201	Manipal University Jaipur	219310302	Aditi Jaiswal	2nd	AIML
202	Manipal University Jaipur	219301203	Arnay Verma	2nd	CSE core
203	Manipal University Jaipur	219301286	Shoubhik Chakraborty	2nd	CSE Core
204	Manipal University Jaipur	219310034	Vaatsalya Babbar	2nd	CSE
205	Manipal University Jaipur	219302165	Anushka Anup	2nd	BTECH IT
206	Manipal University Jaipur	219302481	Anamik Mane	2nd	BTECH IT
207	Manipal University Jaipur	229301335	Aaryaman Singh Chauhan	1st	B.Tech CSE Core
208	Manipal University Jaipur	229310231	Rishit Saharan	1st	Cse AI/ML
209	Manipal University Jaipur	229303310	Abhay Sharma	1st	B.tech datasciences
210	Manipal University Jaipur	229310103	Deepanshu Poonia	1st	CSe(AI/ML)
211	Manipal University Jaipur	229301232	Arhaan Malhotra	1st	Btech CSE
212	Manipal University Jaipur	229311259	Hoshang Shourya Chakravarty	1st	CSE (IoT)
213	Manipal University Jaipur	229301592	Kevin Varghese	1st	CSE Core
214	Manipal University Jaipur	229309073	Abhimanyu Jaithalia	1st	DSE
215	Manipal University Jaipur	229301681	Armaan Deep Singh Bedi	1st	Btech CSE (core)
216	Manipal University Jaipur	229302205	Arnav Vinod Nair	1st	Btech
217	Manipal University Jaipur	219302444	Ipsitaa Sahoo	2nd	Btech IT
218	Manipal University Jaipur	219209023	Jaswant singh	2nd	ELC
219	Manipal University Jaipur	219302142	Neel Tomar	2nd	Bteceh IT
220	Manipal University Jaipur	219310048	Shagun Davessar	2nd	Btech CSE AI ML



221	Manipal University Jaipur	211002038	Aryan Singh	2nd	Biotechnology
222	Manipal University Jaipur	210903086	Rishik saraf	2nd	Bcom hons
223	Manipal University Jaipur	219311290	Piyush Raj	2nd	CSE
224	Manipal University Jaipur	219301659	Tanmay	2nd	CSE core
225	Manipal University Jaipur	219310038	Hemant Joshi	2nd	BTECH CSE AI ML
226	Manipal University Jaipur	210606027	Madhu Tanwar	2nd	B. Des. Interior design
227	Manipal University Jaipur	219310019	Samarth Jaiswal	2nd	Btech CSE AI ML
228	Manipal University Jaipur	219311122	U Pranay	2nd	B.tech CSE Iot
229	Manipal University Jaipur	219302255	Panuganti Srikar	2nd	IT
230	Manipal University Jaipur	219303101	Pesala Sankari Vibha Samsrita	2nd	CCE
231	Manipal University Jaipur	219301198	Srijai Nimmagadda	2nd	Cse(core)
232	Manipal University Jaipur	219302319	Priya Rani	2nd	Btech (IT)
233	Manipal University Jaipur	219301642	Nachiketa Jha	2nd	Btech CSE
234	Manipal University Jaipur	219301497	Arnav SINGH	2nd	Cse
235	Manipal University Jaipur	221103071	Ankita das	1st	Psychology
236	Manipal University Jaipur	221201017	Nandini Verma	1st	BJMC
237	Manipal University Jaipur	229301435	Yuvraj Singh Roperia	1st	Cse Core
238	Manipal University Jaipur	221002022	Aanya bhardwaj	1st	Bsc. Biotechnology
239	Manipal University Jaipur	221201035	Chirag lakhwani	1st	Bj&mc
240	Manipal University Jaipur	220901352	Chirag	1st	BBA
241	Manipal University Jaipur	220901307	Harshit khandelwal	1st	BBA



242	Manipal University Jaipur	229310299	Snigdha Jhureley	1st	CSE AIML
243	Manipal University Jaipur	199301145	Raj Thakrar	4th	CSE
244	Manipal University Jaipur	199301156	Jeevansh Kumar	4th	CSE
245	Manipal University Jaipur	199301161	Supriya L	4th	CSE
246	Manipal University Jaipur	199301167	SASWATA PALADHI	4th	CSE
247	Manipal University Jaipur	199301194	Abhishek Thakur	4th	CSE
248	Manipal University Jaipur	199301201	Adhinesh Reddy	4th	CSE
249	Manipal University Jaipur	199301202	shubham jha	4th	CSE
250	Manipal University Jaipur	199301210	ADITYA PURI	4th	CSE
251	Manipal University Jaipur	199301235	Aditya Khattar	4th	CSE
252	Manipal University Jaipur	199301236	Yashwanth varma	4th	CSE
253	Manipal University Jaipur	199301242	Suvigya Saxena	4th	CSE
254	Manipal University Jaipur	199301244	Reet Nandy	4th	CSE
255	Manipal University Jaipur	199301267	vaibhav khanablwal	4th	CSE
256	Manipal University Jaipur	199301275	bhavi singh	4th	CSE
257	Manipal University Jaipur	199301285	Nikshant	4th	CSE
258	Manipal University Jaipur	200606017	Kamak Patidar	3rd	B DES -INTERIOR DESIGN
259	Manipal University Jaipur	200606022	Harnoor Kaur Dhillon	3rd	B DES -INTERIOR DESIGN
260	Manipal University Jaipur	200801017	lakshya wadhwa	3rd	B DES -INTERIOR DESIGN
261	Manipal University Jaipur	200803004	APOORV GUPTA	3rd	B DES -INTERIOR DESIGN
262	Manipal University Jaipur	200901009	tanman agarwal	3rd	B DES -INTERIOR DESIGN



263	Manipal University Jaipur	200901012	Jaiditya Murjani	3rd	B DES -INTERIOR DESIGN
264	Manipal University Jaipur	200901028	pulkit arora	3rd	B DES -INTERIOR DESIGN
265	Manipal University Jaipur	200901029	Saral Daswat	3rd	B DES -INTERIOR DESIGN
266	Manipal University Jaipur	200901033	Akshit Kothari	3rd	B DES -INTERIOR DESIGN
267	Manipal University Jaipur	200901041	yash bamsral	3rd	B DES -INTERIOR DESIGN
268	Manipal University Jaipur	200901045	chirag Jhalani	3rd	B DES -INTERIOR DESIGN
269	Manipal University Jaipur	200901050	Lakshay Rathore	3rd	B DES -INTERIOR DESIGN
270	Manipal University Jaipur	200901067	Kushal Jain	3rd	B DES -INTERIOR DESIGN
271	Manipal University Jaipur	200901069	ayushman	3rd	B DES -INTERIOR DESIGN
272	Manipal University Jaipur	200901078	Aaryan Singh Solanki	3rd	B DES -INTERIOR DESIGN
273	Manipal University Jaipur	210901291	Rachit Chittora	2nd	BBA
274	Manipal University Jaipur	210901292	Saksham Agarwal	2nd	BBA
275	Manipal University Jaipur	210901301	Gunjan gaheja	2nd	BBA
276	Manipal University Jaipur	210901317	pranav agarwal	2nd	BBA
277	Manipal University Jaipur	210901322	ahmed kabir	2nd	BBA
278	Manipal University Jaipur	210901328	HARSH AGARWAL	2nd	BBA
279	Manipal University Jaipur	210901335	Bhumika Chaudhary	2nd	BBA
280	Manipal University Jaipur	210901337	kaveri Khandelwal	2nd	BBA
281	Manipal University Jaipur	210901338	daksh agarwal	2nd	BBA
282	Manipal University Jaipur	210901341	Kanika Mahajan	2nd	BBA
283	Manipal University Jaipur	210901357	Vishal Agarwal	2nd	BBA



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284	Manipal University Jaipur	210901358	Anuj kandoi	2nd	BBA
285	Manipal University Jaipur	210902001	mayank khandelwal	2nd	BBA
286	Manipal University Jaipur	210902017	Tilak Viashnav	2nd	BBA
287	Manipal University Jaipur	229309134	Pavishka	1st	B TECH-DSE
288	Manipal University Jaipur	229309140	shad alam	1st	B TECH-DSE
289	Manipal University Jaipur	229309151	dhruv dahiya	1st	B TECH-DSE
290	Manipal University Jaipur	229309157	Shashrut bhamare	1st	B TECH-DSE
291	Manipal University Jaipur	229309162	Rashi Sharma	1st	B TECH-DSE
292	Manipal University Jaipur	229309196	Poorak	1st	B TECH-DSE
293	Manipal University Jaipur	229309199	Ananya Manan	1st	B TECH-DSE
294	Manipal University Jaipur	229309200	Sneha Jain	1st	B TECH-DSE
295	Manipal University Jaipur	229309201	Priyanshi goel	1st	B TECH-DSE
296	Manipal University Jaipur	229309202	maanas singh	1st	B TECH-DSE
297	Manipal University Jaipur	229309205	Nandini Malik	1st	B TECH-DSE
298	Manipal University Jaipur	229309209	Maanas singh	1st	B TECH-DSE
299	Manipal University Jaipur	229309219	sarthik jena	1st	B TECH-DSE
300	Manipal University Jaipur	229309234	SURAJ CHAUDHARY	1st	B TECH-DSE
301	Manipal University Jaipur	229309241	Akshit bharadwaj	1st	B TECH-DSE
302	Manipal University Jaipur	229309242	Anoushka	1st	B TECH-DSE
303	Manipal University Jaipur	229309243	Rashika Ranjini	1st	B TECH-DSE
304	Manipal University Jaipur	229309245	Mohammad Muawiyah Khalid	1st	B TECH-DSE



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305	Manipal University Jaipur	229309262	NEHA KL	1st	B TECH-DSE
306	Manipal University Jaipur	229309265	Sanskriti Mahore	1st	B TECH-DSE
307	Manipal University Jaipur	229310004	Tanush	1st	B TECH-DSE
308	Manipal University Jaipur	229310025	Ishaan saikia	1st	B TECH-DSE
309	Manipal University Jaipur	229310042	VANSH JAIN	1st	B TECH-DSE
310	Manipal University Jaipur	229310048	Kritika Pahuja	1st	B TECH-DSE
311	Manipal University Jaipur	229310056	Riya mittal	1st	B TECH-DSE
312	Manipal University Jaipur	229310059	Aditya Yadav	1st	B TECH-DSE
313	Manipal University Jaipur	229310070	aaryan gupta	1st	B TECH-DSE
314	Manipal University Jaipur	229310074	vineet mukhekr	1st	B TECH-DSE
315	Manipal University Jaipur	229310079	Saniya Giripunje	1st	B TECH-DSE
316	Manipal University Jaipur	229310092	parv	1st	B TECH-DSE
317	Manipal University Jaipur	229310098	bhavya	1st	B TECH-DSE
318	Manipal University Jaipur	229310103	deepanshu poonia	1st	B TECH-DSE
319	Manipal University Jaipur	229310104	Rajat yadav	1st	B TECH-DSE
320	Manipal University Jaipur	229310109	himanshul aggarwal	1st	B TECH-DSE
321	Manipal University Jaipur	229310113	Siddh Jain	1st	B TECH-DSE
322	Manipal University Jaipur	229310115	PriyaNarayan sahu	1st	B TECH-DSE
323	Manipal University Jaipur	229310120	Vasu Kochhar	1st	B TECH-DSE
324	Manipal University Jaipur	229310134	Navya Nanda	1st	B TECH-DSE
325	Manipal University Jaipur	MUJ0492	Dr. Rina poonia		Deputy Director DSW



326	Manipal University Jaipur	MUJ0619	Dr Abhishek Shrivastav		Deputy Director DSW
327	Manipal University Jaipur	MUJ0534	Dr Monika Sogani		Faculty
328	Manipal University Jaipur	MUJ0586	Dr Anil Dutt Vyas		Director DSW
329	Manipal University Jaipur	MUJ0246	Mr. Hemant Kumar		Assistant Director DSW
330	Manipal University Jaipur	MUJ0016	Prof. Babita Malik		Deputy Director DSW

(Hemant Kumar)

**Assistant Director, Society Connect
Directorate of Student's Welfare**

(Prof. AD Vyas)

Director, Directorate of Student's Welfare

DIRECTOR STUDENT WELFARE & PROCTOR
MANIPAL UNIVERSITY, JAIPUR



MANIPAL UNIVERSITY
JAIPUR

MUJ/Q&C/021/F/1.01

Event Report Format



MANIPAL UNIVERSITY
JAIPUR

DIRECTORATE OF STUDENT'S WELFARE



(SOCIETY CONNECT)

In Collaboration

With

SCHOOL OF BUSINESS AND COMMERCE

BUSINESS ADMINISTRATION

ROAD SAFETY AWARENESS CAMPAIGN

At OTS Chuaraha, JLN Road Jaipur

07/05/2022



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1. Introduction of the Event

School of Business and Commerce conducted a road safety awareness campaign in association with Muskaan foundation Jaipur on 7th May 2022.

2. Objective of the Event

The event was conducted with a view to enhance road safety awareness among students. The students were made aware of road safety measures by experts from the NGO. They learnt about significance of Helmet, seat belts and traffic signals. During the past few months, some major road accidents were reported involving students. The event was conducted with an objective to increase road safety awareness so that such fatal incidents can be controlled in future.

3. Beneficiaries of the Event

- Students
- Faculties
- General Public
- Police and Administration

4. Details of the Guests

During the event, experts from Muskaan Foundation and Police department of Jaipur were present. The experts helped in training the students about Road safety measures and police department representatives were taking care of on road safety of students.

5. Brief Description of the event

The event was conducted on 7th May 2022. During the event, the experts conducted a session for the students in which they discussed various road safety measures like wearing helmet, seat belt, traffic signals, road signs etc. In the session, the students interacted with the experts and their doubts were clarified by the experts. Also, it was discussed that why is it important to observe speed limit and driving signals. After the session, the students were divided into groups and they were stationed on three major traffic signals JKK, Fortis and OTS. The students conducted an awareness road show on these traffic signals during red light. They reached out to people and interacted about the significance of road safety. The police department of Jaipur were taking care of the on-road safety of students.

6. Photographs of the event



Image Students of NSS at OTS Circle, JLN Road, Jaipur for Road Safety Rally



Image Students of MUJ making awareness about road safety to people



MANIPAL UNIVERSITY
JAIPUR



Image Road Safety Rally

7. Brochure of the Event:

 **MANIPAL UNIVERSITY
JAIPUR**

Directorate of Student's Welfare
Societal Connect
in Collaboration with
SCHOOL OF BUSINESS AND COMMERCE
BUSINESS ADMINISTRATION
Organizes Campaign
on
ROAD SAFETY AWARENESS CAMPAIGN
(Muskan NGO)
at
OTS Chuaraha, JLN Road Jaipur
on
7 May 2022





MANIPAL UNIVERSITY JAIPUR

8. Schedule of the event

The event was conducted on 7th May 2022 between 4.00 pm to 6.30 pm.

9. Attendance of the Event

Total attendee- 85

S.NO.	Name of Institution	Reg. NO.	Name	SEM	Branch
1	Manipal University Jaipur	200901017	SURYANSH VERMA	3 rd	BBA
2	Manipal University Jaipur	200901028	PULKIT ARORA	3 rd	BBA
3	Manipal University Jaipur	200901056	PREET GOYAL	3 rd	BBA
4	Manipal University Jaipur	200901059	VIPUL SHARMA	3 rd	BBA
5	Manipal University Jaipur	200901066	RISHABH JOSHI	3 rd	BBA
6	Manipal University Jaipur	200901067	KUSHAL JAIN	3 rd	BBA
7	Manipal University Jaipur	200901068	ABHINAV GOYAL	3 rd	BBA
8	Manipal University Jaipur	200901069	AYUSHMAN TOMAR	3 rd	BBA
9	Manipal University Jaipur	200901072	KHUSHI GOHIL	3 rd	BBA
10	Manipal University Jaipur	200901073	GAURANSH PANDEY	3 rd	BBA
11	Manipal University Jaipur	200901078	AARYAN SINGH SOLANKI	3 rd	BBA
12	Manipal University Jaipur	200901095	MUSKAN KHETRAPAL	3 rd	BBA
13	Manipal University Jaipur	200901098	APARAJITA CHAKRAVERTTY	3 rd	BBA
14	Manipal University Jaipur	200901110	NIKHIL SINGH SHEKHAWAT	3 rd	BBA
15	Manipal University Jaipur	200901112	JESSICA KAPOOR	3 rd	BBA



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16	Manipal University Jaipur	200901118	SHREYA GUPTA	3 rd	BBA
17	Manipal University Jaipur	200901120	PIYUSH PARETA	3 rd	BBA
18	Manipal University Jaipur	200901122	SAUMYA NARULA	3 rd	BBA
19	Manipal University Jaipur	200901123	SAMEER KAYAMKHANI	3 rd	BBA
20	Manipal University Jaipur	200901132	HARSH MITTAL	3 rd	BBA
21	Manipal University Jaipur	200901142	VEDANT GARG	3 rd	BBA
22	Manipal University Jaipur	200901145	GRANTH JAIN	3 rd	BBA
23	Manipal University Jaipur	200901147	DINESH GEHLOT	3 rd	BBA
24	Manipal University Jaipur	200901148	KAPIL SAINI	3 rd	BBA
25	Manipal University Jaipur	200901149	RADHIKA AGARWAL	3 rd	BBA
26	Manipal University Jaipur	200901150	MUDIT SINGH	3 rd	BBA
27	Manipal University Jaipur	200901154	AKSHAT MISHRA	3 rd	BBA
28	Manipal University Jaipur	200901155	HONEY PADIYAR	3 rd	BBA
29	Manipal University Jaipur	200901157	VAIBHAV	3 rd	BBA
30	Manipal University Jaipur	200901159	VIDHI BHATIA	3 rd	BBA
31	Manipal University Jaipur	200901161	ANURAG SINGH	3 rd	BBA
32	Manipal University Jaipur	200901162	YUVRAJ SINGH RAJAWAT	3 rd	BBA
33	Manipal University Jaipur	200901164	PRATHAM KAPOOR	3 rd	BBA
34	Manipal University Jaipur	200901168	GAURAV KUMAWAT	3 rd	BBA



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35	Manipal University Jaipur	200901170	CHIRAG KANSAL	3 rd	BBA
36	Manipal University Jaipur	200901171	MITISHA JAIN	3 rd	BBA
37	Manipal University Jaipur	200901172	KHUSHI SINGHAL	3 rd	BBA
38	Manipal University Jaipur	200901173	KARTIK HARSH	3 rd	BBA
39	Manipal University Jaipur	200901175	TANISHKA ANJANA	3 rd	BBA
40	Manipal University Jaipur	200901176	SAMARTH AGARWAL	3 rd	BBA
41	Manipal University Jaipur	200901177	SAJAL AGRAWAL	3 rd	BBA
42	Manipal University Jaipur	200901179	JATIN SHARMA	3 rd	BBA
43	Manipal University Jaipur	200901180	KHUSHI DUBEY	3 rd	BBA
44	Manipal University Jaipur	200901181	DIGVIJAY CHOUDHARY	3 rd	BBA
45	Manipal University Jaipur	200901197	KISHAN KUMAWAT	3 rd	BBA
46	Manipal University Jaipur	200901198	CHIRAG DHAMEJANI	3 rd	BBA
47	Manipal University Jaipur	200901215	PRIYANSHU SETHI	3 rd	BBA
48	Manipal University Jaipur	200901218	AMAN GELRA	3 rd	BBA
49	Manipal University Jaipur	200901243	LAKSHYA PORWAL	3 rd	BBA
50	Manipal University Jaipur	200901250	NAVED BELIM	3 rd	BBA
51	Manipal University Jaipur	200901256	PAPPU CHOUDHARY	3 rd	BBA
52	Manipal University Jaipur	200901257	KHUSHI JAIN	3 rd	BBA
53	Manipal University Jaipur	200901260	DEEPANSHU KUSHWAHA	3 rd	BBA



MANIPAL UNIVERSITY JAIPUR

54	Manipal University Jaipur	200901261	RISHIKA SINGODIA	3 rd	BBA
55	Manipal University Jaipur	200901266	PIYUSH CHOUHAN	3 rd	BBA
56	Manipal University Jaipur	200901267	RAHUL CHOUDHARY	3 rd	BBA
57	Manipal University Jaipur	200901274	Pankaj mahaseth	3 rd	BBA
58	Manipal University Jaipur	200901276	NAMAN GUPTA	3 rd	BBA
59	Manipal University Jaipur	200901279	SAKSHAM NARANIYA	3 rd	BBA
60	Manipal University Jaipur	200901281	PRIYANSHU PRAJAPAT	3 rd	BBA
61	Manipal University Jaipur	200901288	DEV GUPTA	3 rd	BBA
62	Manipal University Jaipur	200901290	BHRIGU PAL SINGH	3 rd	BBA
63	Manipal University Jaipur	200901299	MRIDUL SONI	3 rd	BBA
64	Manipal University Jaipur	200901301	SHRINATH	3 rd	BBA
65	Manipal University Jaipur	200901164	Pratham Kapoor	3 rd	BBA
66	Manipal University Jaipur	209403025	Akshvin K Singhal	3 rd	B.Tech Mechatronics
67	Manipal University Jaipur	209303107	Ansh Chawla	3 rd	CCE
68	Manipal University Jaipur	199303074	Vaibhav Vats	4 th	CCE
69	Manipal University Jaipur	201103019	Vani Ghai	3 rd	BA Hons Psychology
70	Manipal University Jaipur	201105005	Yasha Taneja	3 rd	BA Libral Arts
71	Manipal University Jaipur	201002005	Abhinav Wadhwa	3 rd	Bsc.Biotechnology
72	Manipal University Jaipur	201007034	Garima Mahaur	3 rd	Bsc. Psychology



MANIPAL UNIVERSITY JAIPUR

73	Manipal University Jaipur	200901113	Aditya Mathur	3rd	BBA
74	Manipal University Jaipur	201103042	Navneet Bhukmariya	3rd	BA Hons Psychology
75	Manipal University Jaipur	209301040	Chandraveer Mathur	3rd	CSE
76	Manipal University Jaipur	201105015	Deepti Meena	3rd	BA Libral Arts
77	Manipal University Jaipur	209403017	Lohit Shandiliya	3rd	B. Tech Mechatronics
78	Manipal University Jaipur	209303345	Sejal Shrisale	3rd	CCE
79	Manipal University Jaipur	209303088	Atharva Chaudhari	3rd	CCE
80	Manipal University Jaipur	209302183	Siddharth Dhaka	3rd	B. Tech IT
81	Manipal University Jaipur	209302354	Raghav Ruia	3rd	B. Tech Mechatronics
82	Manipal University Jaipur	209301186	Aryan Bansal	3rd	CSE
83	Manipal University Jaipur	209301496	Pranav Shrivastava	3rd	CSE
84	Manipal University Jaipur	209302323	Priyam Agarwal	3rd	B. Tech IT
85	Manipal University Jaipur	209402037	Apar Gupta	3rd	Mechanical

Dr Nupur Chha

Event Coordinator, Department of Business Administration

Dr Savita Panwar

Event Coordinator, Department of Commerce



**MANIPAL UNIVERSITY
JAIPUR**

(Hemant Kumar)

**Assistant Director, Society Connect
Directorate of Student's Welfare**

(Prof. AD Vyas)

Director, Directorate of Student's Welfare

DIRECTOR STUDENT WELFARE & PROCTOR
MANIPAL UNIVERSITY, JAIPUR



MANIPAL UNIVERSITY
JAIPUR

MUJ/DSW/SC/7 Nov 2022



MANIPAL UNIVERSITY
JAIPUR

DIRECTORATE OF STUDENT'S WELFARE



(SOCIETY CONNECT)

In collaboration with

Department of Languages, Literatures, and Cultural Studies

Presents

**Samanya Gyan Pratiyogita on Sports
(Venue: Govt. Senior Secondary School, Begas)**

Societal Connect & Social Outreach Program

Date of Event: 7th Nov. 2022 (Monday)



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1. Introduction of the Event: -

Department of Languages, Literatures and Cultural Studies, DSW Sports along with NSS /NCC conducted a Quiz Competition on Sports Awareness for the students at Government Senior Secondary School, Begas. It was physical activity including students of NCC and the Department of Languages, Literatures and Cultural Studies. The students of DOLLCS conducted a quiz competition based on sports for the students of Class VI to Class XII.

2. Objectives of the Event: -

- To assess and improve the general knowledge of students about sports.
- To help students find their passion in sports and motivate them to indulge themselves in more physical activities.
- Providing exposure to MUJ students about society through such societal connect activities.

3. Beneficiaries of the Event: -

The event was connected for Class VI to Class XII students at the Government Senior Secondary School, Begas.

4. Details of the Guests

Rotary Club Jaipur Bapu Nagar

Rotary started with the vision of one man — Paul Harris. The Chicago attorney formed the Rotary Club of Chicago on 23 February 1905, so professionals with diverse backgrounds could exchange ideas and form meaningful, lifelong friendships.

Over time, Rotary's reach and vision gradually extended to humanitarian service. Members have a long track record of addressing challenges in their communities and around the world.

5. Brief Description of the event: -

The event was conducted for the students of Government Senior Secondary School, Begas where their knowledge in Sports was tested. The students of the school were also involved in word and picture games. Best performing students from each class were given prizes. The students of Department of Literatures, Languages and Cultural Studies were involved in conducting the entire program along with faculty members from the department and NCC cadets.

6. Photographs of the event with captions: -



Image 1: Students involved in games and activities



Image 2: Faculty Members, Students of Department of Languages, Literatures and Cultural Studies with the students and staff members of School.



7. Brochure of the Event: -

 **MANIPAL UNIVERSITY
JAIPUR**





Directorate of Student's Welfare

**In Collaboration with
Department of Literatures, Languages and Cultural Studies
DSW Sports & NCC (MUJ)**

Presents

Samanya Gyan Pratiyogita on Sports

**Date: 8th November 2022 (Tuesday)
Time: 12 noon Onwards**

Convenors:
Prof. Priyanka Chaudhary, Head, DoLLCS
Dr. Arun Kumar Poonia, Assistant Professor, DoLLCS
Dr. Rina Poonia, Deputy Director - Sports, DSW (MUJ)
Mr. Sanjeev Sharma, NCC Officer, DSW (MUJ)

8. Schedule of the event: -

On November 7th, 2022 (Monday) from 12 PM onwards

9. Attendance of the Event: 50 students from DoLLCS, 4 NCC cadets, Dr. Rina Poonia, DSW Sports, Dr. Priyanka Chaudhary, Head, DoLLCS, Dr. Arun Kumar Poonia, Assistant Professor, DoLLCS, Dr. Arpit Kothari, Associate Professor, DoLLCS, Dr. Rabindra Verma, Assistant Professor, DoLLCS.



Attendance Sheet
SOCIETAL CONNECT 7 Nov. 2022 (MONDAY)

Department of Languages, Literature and Cultural Studies & DSW (Sports, NCC and NSS)

BA (H) ENGLISH SEMESTER I

Serial No.	Name of Student	Registration No.	Signature
1	Kavya Bhalotia	221102001	Kavya
2	Kamalesh	221102003	Kamalesh Kauri
3	Sonu Shekhawat	221102034	Sonu
4	Anushka Gurha	221102028	Anushka Gurha
5	Mohak	221102040	Mohak
6	Diya Ray	221102021	Diya Ray
7	Palak Sharma	221102025	Palak
8	Angad Yadav	220112141	Angad
9	Dhruv Gang	221102045	Dhruv
10	Somya Vasudev	221102023	Somya
11	Saloni Yadav	221102011	Saloni
12	Sara Jain	221102044	Sara
13	Carol Alona Jonathan	221102006	Caral
14	Lakshita Kalra	221102036	Lakshita
15	Devadhi Patel	221102018	Devadhi
16	Vidhi Verma	221102038	Vidhi



Attendance Sheet
SOCIETAL CONNECT 7 Nov. 2022 (MONDAY)

Department of Languages, Literature and Cultural Studies & DSW (Sports, NCC and NSS)

BA (H) ENGLISH SEMESTER I

Serial No.	Name of Student	Registration No.	Signature
17	Jitendra choudhary	221102020	Jitendra
18	Mahesh choudhary	221102021	Mahesh
19	Anmol preet singh	221102035	Anmol
20	Yunraj choudhary	221102037	Yunraj
21	Gyanendra Singh	221102042	Gyan Singh
22	Rudra Pratap Singh	221102019	Rudra
23	Navya Mendisatta	221102012	Navya
24	Demyani Nathawat	221102024	Demyani
25	Kumkum Ramnani	221102008	Kumkum
26	Lisa edward	221102014	Lisa
27	Syeda Khadija	221102039	Syeda



Attendance Sheet
SOCIAL CONNECT 7 Nov, 2022 (MONDAY)

Department of Languages, Literature and Cultural Studies & DSW (Sports, NCC and NSS)

BA (H) ENGLISH SEMESTER III

Serial No.	Name of Student	Registration No.	Signature
1.	POORVI THYAGU	211102001	Poorvi
2.	VASUDHA SHARMA	211102011	Vasudha
3.	DAYITA KUNDU	211102003	Dayita
4.	JANVI RATHEESH	211102008	Janvi
5.	VINEET MUNDLIYA	211102016	Vineet
6.	DHRUV BANJAL	211102015	Dhruv
7.	Naina Kanwar	211102009	Naina
8.	chaitanya pameek	211102010	chaitanya
9.	Vivek Harit	211102005	Vivek
10.	Dushyant Singh Jodon	211102014	Dushyant



Attendance Sheet
SOCIETAL CONNECT 7 Nov. 2022 (MONDAY)

Department of Languages, Literature and Cultural Studies & DSW (Sports, NCC and NSS)

BA (H) ENGLISH SEMESTER V

Serial No.	Name of Student	Registration No.	Signature
1	Aakansha Singh	201102014	
2	Sanskriti Ray	201102011	
3	Caroline James	201102013	
4	Harshwardhan Dhadhick	201102021	
5	Kanika Lunnyach	201102020	
6	Pankitosh Pandey	201102007	
7	Pragati Meghwal	201102002	
8	Nandini Udaiwal	201102015	
9	Maanav Arora	201102017	
10	Jaal chorian	201102008	
11	Sudar Sentharam	201102009	
12	Parth Sanawat	201102018	
13	Geetika Kharghat	201102016	



(Dr. Arun Kumar Poonia)
Faculty Coordinator

(Prof. Priyanka Chaudhary)
HoD, DoLLCS

Mr. Hemat Kumar
(Assistant Director, DSW)

Mr. Mohit Sharma
(Acting NCC In-Charge)

(Prof. AD Vyas)
Director, Directorate of Student's Welfare



MANIPAL UNIVERSITY
JAIPUR

MUJ/DSW/SC/10 Sept 2022



MANIPAL UNIVERSITY
JAIPUR

DIRECTORATE OF STUDENT'S WELFARE



(SOCIETY CONNECT)

Rotaract Club MUJ

Presents

World Suicide Day 2022

Date of Event : 10th September 2022

Time :12pm onwards

Venue : Instagram

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8.	Attendance	5-6



1. Introduction of the Event

The Rotaract club of MUJ brings you an online remote event on this World Suicide Day which is observed every year on 10th September to create awareness about the importance of life and hope. This event was delivered through Instagram live.

2. Objectives of the Event

- Inspirational Talk.
- To bring awareness among young minds about the various opportunities they will receive in life.
- To bring new hope.

3. Beneficiaries of the Event

Rotaract Club MUJ instagram followers.

4. Brief Description of the Event

World Suicide Day 2022 - Rotaract Club, MUJ organized an event wherein interactive Instagram live was done for the students to spread awareness about the importance of biofuels. 65+ students attended the live session, in the first part of the session the students were introduced to what is World Suicide Day, why do we need this day. The speakers talked about why we should not think about suicide and what opportunities we will be having ahead in life and how one thing can change your life completely. Students were kept engaged by a QnA session and there was a new hope and a new perspective towards life developed in their minds.

4. Brochure or creative of the event



6. Schedule of the Event

The event was held on 10th September 2022 on Instagram.

7. Attendance

S. No.	Name of Institution	Reg. No	Full name	Year	Branch
1	Manipal University Jaipur	200901164	Pratham Kapoor	3rd	BBA
2	Manipal University Jaipur	209403025	Akshvin K Singhal	3rd	B.Tech Mechatronics

3	Manipal University Jaipur	209303107	Ansh Chawla	3rd	CCE
4	Manipal University Jaipur	199303074	Vaibhav Vats	4th	CCE
5	Manipal University Jaipur	201103019	Vani Ghai	3rd	BA Hons Psychology
6	Manipal University Jaipur	201105005	Yasha Taneja	3rd	BA Libral Arts
7	Manipal University Jaipur	201002005	Abhinav Wadhwa	3rd	Bsc.Biotechnology
8	Manipal University Jaipur	201007034	Garima Mahaur	3rd	Bsc. Psychology
9	Manipal University Jaipur	200901113	Aditya Mathur	3rd	BBA
10	Manipal University Jaipur	201103042	Navneet Bhukmariya	3rd	BA Hons Psychology
11	Manipal University Jaipur	209301040	Chandraveer Mathur	3rd	CSE
12	Manipal University Jaipur	201105015	Deepti Meena	3rd	BA Libral Arts
13	Manipal University Jaipur	209403017	Lohit Shandiliya	3rd	B. Tech Mechatronics
14	Manipal University Jaipur	209303345	Sejal Shrisale	3rd	CCE
15	Manipal University Jaipur	209303088	Atharva Chaudhari	3rd	CCE
16	Manipal University Jaipur	209302183	Siddharth Dhaka	3rd	B. Tech IT
17	Manipal University Jaipur	209302354	Raghav Ruia	3rd	B. Tech Mechatronics
18	Manipal University Jaipur	209301186	Aryan Bansal	3rd	CSE
19	Manipal University Jaipur	209301496	Pranav Shrivastava	3rd	CSE
20	Manipal University Jaipur	209302323	Priyam Agarwal	3rd	B. Tech IT
21	Manipal University Jaipur	209402037	Apar Gupta	3rd	Mechanical
22	Manipal University Jaipur	209301160	Vaibhav Shoree	3rd	CSE

23	Manipal University Jaipur	201007007	Ayushi Gupta	3rd	Bsc. Hons. Psychology
24	Manipal University Jaipur	201015039	Parth Sharma	3rd	BCA
25	Manipal University Jaipur	209309042	Vikramaditya Hiran	3rd	DSE
26	Manipal University Jaipur	209303087	Akash Shedage	3rd	CCE
27	Manipal University Jaipur	209301086	Urvi Dhasmana	3rd	CSE
28	Manipal University Jaipur	201003007	Garima Ghaley	3rd	Bsc. Hons. Microbiology
29	Manipal University Jaipur	209303333	Nivedita Ramaesh	3rd	CCE
30	Manipal University Jaipur	201101037	Aishwarya Seth	3rd	BA-Economics
31	Manipal University Jaipur	219302360	Disha Agarwal	2nd	IT
32	Manipal University Jaipur	219302421	Bhavin Sehrawat	2nd	B.Tech IT
33	Manipal University Jaipur	219301155	Nishita Gogia	2nd	Btech CSE (Core)
34	Manipal University Jaipur	219311125	Yash verma	2nd	Cse iot
35	Manipal University Jaipur	210901018	Pratham choudhary	2nd	BBA
36	Manipal University Jaipur	219311161	Anisha Lamba	2nd	BTech in CSE
37	Manipal University Jaipur	229403013	Gunn Verma	1st	Mechatronics
38	Manipal University Jaipur	229302083	Vedic Varma	1st	CSE (CORE)
39	Manipal University Jaipur	229303191	Krishang Shukla	1st	BTech CCE
40	Manipal University Jaipur	229302371	Rishika Bhagawati	1st	Btech IT
41	Manipal University Jaipur	229309218	Kartikey Sharma	1st	Btech data science
42	Manipal University Jaipur	221305021	Nehal Dashottar	1st	BBA LLB

43	Manipal University Jaipur	220113244	Daksh sharma	1st	BBA LLB
44	Manipal University Jaipur	229309035	Krishang Goel	1st	IT
45	Manipal University Jaipur	229311254	Gargi Arora	1st	CSE (IoT and IS)
46	Manipal University Jaipur	229303405	anav lamba	1st	CCE
47	Manipal University Jaipur	200901298	Rajeev Sharma	3rd	BBA
48	Manipal University Jaipur	209303239	Abhinav Jindal	3rd	IT
49	Manipal University Jaipur	209301053	Nadella Rutvik Ramana	3rd	CSE
50	Manipal University Jaipur	211007071	Anuja pol	2nd	Bsc psychology honours
51	Manipal University Jaipur	211007003	Lakshita	2nd	Bsc psychology honours
52	Manipal University Jaipur	219303064	Shobhit Bansal	2nd	CCE
53	Manipal University Jaipur	210903065	Prerana Singh	2nd	Bcom Accounting
54	Manipal University Jaipur	219301331	Ayush Goyal	2nd	CSE
55	Manipal University Jaipur	219310146	Yoshe vijay	2nd	BTech CSE
56	Manipal University Jaipur	210901317	Pranav Agarwal	2nd	BBA
57	Manipal University Jaipur	219309129	Nayonika Sharma	2nd	Btech Data Science
58	Manipal University Jaipur	219311064	Khushboo Tewari	2nd	CSE
59	Manipal University Jaipur	210901184	Nihal	2nd	BBA
60	Manipal University Jaipur	219303126	Divyanshee Saxena	2nd	Btech CCE
61	Manipal University Jaipur	219301388	Madhur Dhingra	2nd	CSE
62	Manipal University Jaipur	219302301	Vanshika Singh Andotra	2nd	IT

63	Manipal University Jaipur	211103012	Jessica Agarwal	2nd	BA -psychology
64	Manipal University Jaipur	219310180	harshit shah	2nd	CSE
65	Manipal University Jaipur	211007011	Kashish parmar	2nd	Bsc psychology
66	Manipal University Jaipur	219403030	rupansh goyal	2nd	mechatronics
67	Manipal University Jaipur	219303120	Pravartika mishra	2nd	Btech IT
68	Manipal University Jaipur	219303066	Sivam Pratik	2nd	IT
69	Manipal University Jaipur	219301133	Soham Dixit	2nd	Btech CSE
70	Manipal University Jaipur	219301208	Divyansh Jain	2nd	Cse core
71	Manipal University Jaipur	219107001	Mohd kaif	2nd	Civil
72	Manipal University Jaipur	211201059	Madhav Methi	2nd	BAJ&MC
73	Manipal University Jaipur	219301390	Tanay Daga	2nd	Btech CSE
74	Manipal University Jaipur	219310182	Garvit Narula	2nd	BTECH CSE
75	Manipal University Jaipur	211007024	Arundhati de	2nd	bsc psychology
76	Manipal University Jaipur	210901118	Manan Vyas	2nd	BBA
77	Manipal University Jaipur	219301009	Aryav Goyal	2nd	Btec Cse
78	Manipal University Jaipur	210901140	Bhoomi Lodha	2nd	BBA
79	Manipal University Jaipur	219301137	Aditya Pandey	2nd	CSE
80	Manipal University Jaipur	211007008	Trishita Banerjee	2nd	BSc Psychology
81	Manipal University Jaipur	210901341	Kanika Mahajan	2nd	BBA
82	Manipal University Jaipur	211103028	Avni Singh	2nd	BA-Psychology



83	Manipal University Jaipur	219301268	Datla Sai Prabhath Varma	2nd	CSE
84	Manipal University Jaipur	211007036	Manoj kumawat	2nd	B.sc Psychology
85	Manipal University Jaipur	210903075	Siddhant Garg	2nd	B. Com
86	Manipal University Jaipur	219301134	Astitva Goel	2nd	CSE
87	Manipal University Jaipur	210901112	Tejashwini Joshi	2nd	BBA
88	Manipal University Jaipur	219310063	N.Nikhil	2nd	CSE
89	Manipal University Jaipur	219302056	Harsh Pratap Singh	2nd	IT
90	Manipal University Jaipur	219301231	Devanshu Kejriwal	2nd	CSE
91	Manipal University Jaipur	219302116	sarthak garg	2nd	B.tech IT
92	Manipal University Jaipur	219301008	Isha goel	2nd	Btech CSE
93	Manipal University Jaipur	219301207	Rishabh bassi	2nd	CSE
94	Manipal University Jaipur	219310002	Purusharth Agarwal	2nd	Btech cse
95	Manipal University Jaipur	219309114	Vitika Vora	2nd	Data Science
96	Manipal University Jaipur	211103019	Aishani Dutta	2nd	Ba psychology
97	Manipal University Jaipur	219301078	Saurav Yadav	2nd	CSE
98	Manipal University Jaipur	211007043	Varnima Singh	2nd	Bsc. Psychology
99	Manipal University Jaipur	219309139	Radhika sharma	2nd	CSE
100	Manipal University Jaipur	219302203	Shreyans Jain	2nd	IT
101	Manipal University Jaipur	219311264	Manu Kabra	2nd	BTech , CSE
102	Manipal University Jaipur	219309057	Varun Mandloi	2nd	IT

103	Manipal University Jaipur	219301660	Shashwat Durugkar	2nd	CSE
104	Manipal University Jaipur	219310123	Chirag chetwani	2nd	CSE
105	Manipal University Jaipur	211301067	Paavni chadha	2nd	Ba.llb
106	Manipal University Jaipur	219301238	Pulkit Kohli	2nd	CSE
107	Manipal University Jaipur	219311289	Khushi Shukla	2nd	CSE IOT
108	Manipal University Jaipur	219302080	Nikshith Martha	2nd	IT
109	Manipal University Jaipur	219302198	Gautam Vhavle	2nd	IT
110	Manipal University Jaipur	219301235	Pratham Hariani	2nd	CSE
111	Manipal University Jaipur	219301588	Dhruv Kumar Pandey	2nd	CSE
112	Manipal University Jaipur	219302408	Shivansh Tyagi	2nd	IT
113	Manipal University Jaipur	219311321	Vaibhav Yadav	2nd	CCE
114	Manipal University Jaipur	219403013	Chirayu garg	2nd	Mechatronics
115	Manipal University Jaipur	210901028	Apoorva	2nd	Bba
116	Manipal University Jaipur	219302009	Ishaan Gulrajani	2nd	IT
117	Manipal University Jaipur	210901167	Archie Agrawal	2nd	BBA
118	Manipal University Jaipur	219302235	Prakhar Goel	2nd	IT
119	Manipal University Jaipur	211103001	Nikeeta Chaudhary	2nd	BA Psychology
120	Manipal University Jaipur	210901025	Parv Kumar Singh	2nd	BBA
121	Manipal University Jaipur	219302476	Manan Tola	2nd	BTech -IT
122	Manipal University Jaipur	211015087	Pratyaksh Bhandari	2nd	BCA

123	Manipal University Jaipur	219310330	Tanu Rathee	2nd	CSE AI-ML
124	Manipal University Jaipur	219311006	Mayank Shekhar Pal	2nd	CSE(Iot and IS)
125	Manipal University Jaipur	219301270	Paramesh Gurbaxani	2nd	CSE Core

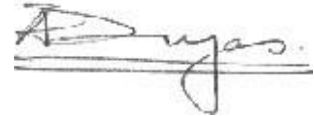
8. Post event link

<https://jaipur.manipal.edu/muj/life-at-muj/Student-CLUBS.html>

 Rotaract Club President	 Faculty Head Rotaract Club
---	---



(Hemant Kumar)
Assistant Director, Society Connect
Directorate of Student's Welfare



(Prof. AD Vyas)
Director, Directorate of Student's Welfare



**MANIPAL UNIVERSITY
JAIPUR**

**SCHOOL OF COMPUTER & COMMUNICATION
ENGINEERING**

In collaboration with

DIRECTORATE OF STUDENT WELFARE (NSS)

**Social Drive at Rajkalya Uccha Madhyamik
Vidyalaya, at Sanjhriya, Bagru**

Social Event

Panacea- The CCE Club

OFFLINE EVENT

Date of Event (17th September 2022)

(10:30 PM- 01:30 PM)

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9.	Link of event	9

I. Introduction of the Even!

Panacea - The School of Computer & Communication Engineering club. Manipal University Jaipur is organized a social drive in Kajkiya Uccha Madhyamik Vidyalaya. at Sanjhriya. Bagru. A total of 3 professors & 30 club members volunteered for the drive. where they met the students at the school & cnbided a sense of learning in them. by means of demonstrations. explanations. games. and lots of fun-filled activities. The senior students at the school were also provided with a career counseling session. where the students explored the opportunities & avenues for higher education. guided by the professors from the college.

2. Objectives of the Even!

To imbibe a sense of learning in 1he students from a different economic background. teach them about their subject mauer. while also gelling them on track to explore concepts from outside their syllabus, and help them explore the pathways and avenues for higher education.

3. Beneficiaries of the Event

Students of Rajkiya Uccha Madhyamik Vidyalaya.

4. Brief Description of the event

Panacea - The School of Computer & Communication Engineering club. Manipal University Jaipur is organized a social drive in Rajkiya Uccha Madhyamik Vidyalaya. at Sanjhriya. Bagni. The delegation started the proceedings from 11:20 AM m the school. where they met with an enthusiastic response from the Principal & the students of the school. The senior students of the school were given an explanation about the wonderful systems of the computing world. Demonstrations of basic computer hardware were showcased. The students of classes 6. 7 and 8 were involved in fun filled experiments about applications of science in real life activities. Interactive games were also organized. The delegation interacted with the junior students from the school, and initiated learning & cognitive skill-based games & activities for them. The NCC cadet explained the opponunitics and pathways into the defense services and gave the studems a brief introduction to the NOA Entrance examination. The higher secondary students were given a career counselling session. and opportunities in various fields of academics were explored.

The entire session was very interactive. and the enthusiastic approach of the students at the school made the experience a very memorable one.

5. Photographs



Volunteers of the social drive



Group photo with ,rhool student



Introduction address for the session



Explaining basic concepts in Chemislr)' 10 junior students



Distributing prizes for the quiz session



Students of the school post fun nperiments & activities

6. Brochure or Creative of the event



7. Schedule of the event

The event was on 17th September 2022 from 10:30 AM - 01:30 P.M.

8. Attendance of the event:

Total participants: 3 professors & 30 student members

Faculties:

Dr. Suman Bhakar
Dr. Sandeep Kumar Sharma
Mr. Jitendra Singh Yadav

S.NO.	Registration No	Name	Semester
1	209303013	Parthi Vishnawat	V
2	219311319	Shubam Dahatonde	III
3	209303210	Saarang Kumar	V
4	211002008	Anshi Agarwal	III
5	219303172	Akash Aggarwal	III
6	219311290	Piyush Raj	III
7	219311046	Love Lakhwani	III
8	219303173	Diljot Singh Baweja	III
9	219301771	Mumin Bhat	III
10	219310091	Aditya Prakash	III
11	219310091	Ankit Kumar	III
12	201102009	Sudar Santhnam	V
13	211102013	Janvi Ratheesh	III
14	211102001	Poorvi Thiyagu	III
15	219310037	Anirudh Chauhan	III
16	199303033	Divyansh Garg	VII
17	219311171	Aditi Singh Parihar	III
18	219303234	Harshit Pandey	III
19	209303227	Tanuj Kothari	V
20	209303046	Kashish Rathore	V
21	219311175	Naman	III
22	219303146	Garun Mishra	III
23	209303060	Chhavi Maheshwari	V
24	209303363	Vartika Paharia	V
25	219303023	Shaakht	III
26	219303040	Pranay	III
27	219311057	Akshit Yadav	III
28	219311066	Devansh	III
29	219303161	Devashish Singh	III
30	219303147	Adarsh Aggarwal	III
31	219303088	Ujjwal Anand	III
32	219301768	Kanishka Agarwal	III



Chhavi Maheshwari (17/09/22)
Chhavi Maheshwari
Tanuj Kothari

Principal, P. N. College, Jaipur

Dr. Manish Kumar
1,000/-
Dr. Manish Kumar Dr. Manish Kumar
Faculty Coordinators, School of CCE
Signature
19/9/2022

Vijay Pal Singh
Prof. (Dr.) Vijay Pal Singh Dhaka
Director, School of CCE

Signature
Mr Hemant Kumar
Assistant Director, Student Welfare
DSW (NSS) Dr. S. M. Mishra
20/10/2022

Signature

Director
Directorate of Student's Welfare

DIRECTOR SUDETA TELARE & PROCOR
MANIPAL UNIVERSITY, JAIPUR

The Power of International Collaboration - Manipal University Jaipur Spearheading Comparative Approaches for Tackling the SDGs

In the pursuit of achieving Sustainable Development Goals (SDGs), the role of Manipal University Jaipur extends beyond national borders, fostering international collaborations and research initiatives aimed at reviewing comparative approaches and developing best practices. These endeavors transcend geographical constraints, leveraging the collective knowledge and experiences of diverse nations to address the multifaceted challenges posed by the SDGs.

International collaborations spearheaded by Manipal University Jaipur involve in-depth research initiatives that scrutinize the policies, interventions, and practices adopted globally to tackle the SDGs. Comparative studies examine the effectiveness of various approaches, shedding light on successful methodologies and highlighting areas for improvement. Through this comprehensive analysis, Manipal University Jaipur aids in identifying international best practices that can be adopted and adapted across different regions. These collaborative efforts promote the exchange of knowledge and experiences among diverse nations. Manipal University Jaipur serves as platforms for sharing success stories, lessons learned, and challenges faced in the pursuit of SDGs. Such interactions foster a dynamic environment for cross-pollination of ideas and solutions, leading to the evolution of innovative strategies that can be implemented on a global scale. The collective knowledge amassed through comparative analysis serves as the cornerstone for the development of international best practices. Manipal University Jaipur, by synthesizing successful approaches and innovative methodologies from various regions, contributes to the formulation of comprehensive strategies that transcend boundaries.

The diversity of approaches observed across nations provides fertile ground for novel ideas and adaptive practices. This continual process of innovation and adaptation is crucial in refining and evolving strategies to effectively tackle the ever-changing landscape of SDG-related challenges. The insights derived from comparative analysis and the development of international best practices have a substantial impact on the global pursuit of the SDGs. Policymakers, governments, NGOs, and international organizations benefit from this collective wisdom to shape their interventions and policies. The shared knowledge generated by Manipal University Jaipur facilitates evidence-based decision-making and the implementation of strategies that have proven effective in different contexts.

Research Collaborations

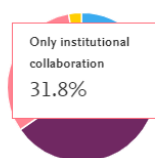
Manipal University Jaipur has the unique opportunity to engage with health institutions to directly impact the well-being of its surrounding communities. These collaborations take various forms, from joint research projects to community outreach initiatives.

- **International, national collaboration by Manipal University Jaipur (Source- SciVal)**

Overall

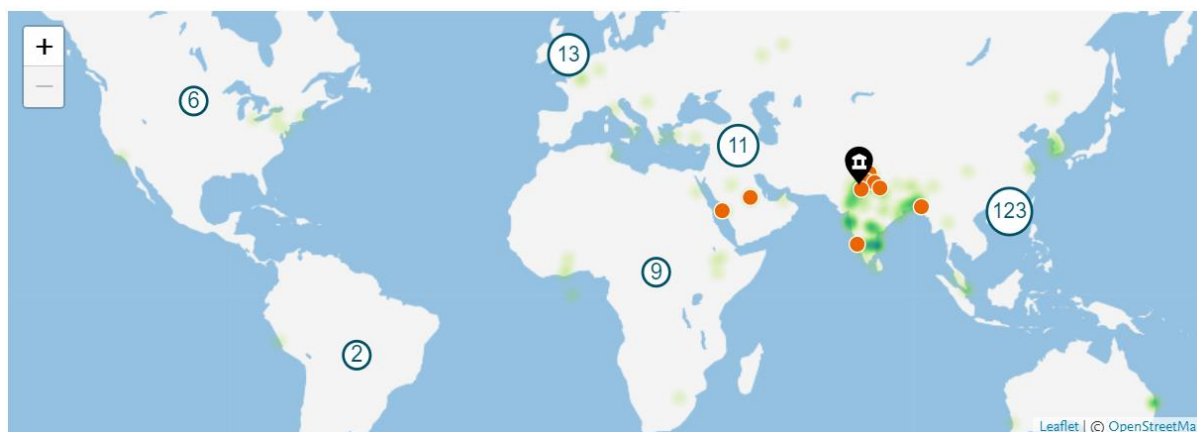
[Metric guidance](#) [+ Add to Reporting](#) [Export](#) ▾

International, national and institutional collaboration by Manipal University Jaipur in the selected year range.



Metric		Scholarly Output	Citations	Citations per Publication	Field-Weighted Citation Impact
International collaboration	27.5%	58	535	9.2	1.93
Only national collaboration	37.9%	80	767	9.6	1.20
Only institutional collaboration	31.8%	67	201	3.0	0.76
Single authorship (no collaboration)	2.8%	6	1	0.2	0.15

- **Collaboration spread over the world (Source- SciVal)**





- Number of Collaborations country wise along with publication count (Source-SciVal)

Sr. No	Row Labels	Count of Institution ID
1	Australia	9
2	Bangladesh	5
3	Bhutan	1
4	Brazil	1
5	Chile	1
6	China	5
7	Czech Republic	1
8	Denmark	1
9	Egypt	2
10	Ethiopia	4
11	France	2
12	Germany	5
13	Ghana	3
14	Greece	1
15	India	137
16	Iraq	1
17	Italy	2
18	Malaysia	1
19	Myanmar	1
20	Nepal	1
21	North Macedonia	1
22	Norway	1
23	Pakistan	1
24	Peru	1
25	Philippines	1
26	Poland	1
27	Portugal	1
28	Russian Federation	7
29	Saudi Arabia	9
30	Serbia	1
31	Singapore	2
32	South Africa	3
33	South Korea	7
34	Spain	1
35	Sri Lanka	1
36	Thailand	1
37	Tunisia	1
38	Turkey	2
39	United Arab Emirates	1
40	United Kingdom	2
41	United States	13
Grand Total		242



Institution ID	Institution	Sector	Country/Region	Citations per Publication	Field-Weighted Citation Impact	Field-Weighted View Impact
207001	Aligarh Muslim University	Academic	India	6	2.52	0.16
700340	Amity University, Noida	Academic	India	0	0	0.65
705886	Christ University, Bangalore	Academic	India	6	2.26	3.51
209085	Gachon University	Academic	South Korea	22	2.52	0.73
706090	Guru Ghasidas University	Academic	India	6	2.52	0.16
207040	Jadavpur University	Academic	India	22	2.52	0.73
705563	Kalinga Institute of Industrial Technology	Academic	India	6	2.26	3.51
716275	Mewar University	Academic	India	6	2.52	0.16
720731	Noakhali Science and Technology University	Academic	Bangladesh	6	2.52	0.16
508172	Northeastern University	Academic	United States	25	2.59	1.39
705862	PEC University of Technology	Academic	India	25	2.59	1.39
706294	Pandit Deendayal Petroleum University	Academic	India	6	2.26	3.51
207056	Panjab University	Academic	India	25	2.59	1.39
209062	Sejong University	Academic	South Korea	22	2.52	0.73
700284	Universidad Católica de la Santísima Concepción	Academic	Chile	6	2.26	3.51
201006	Curtin University	Academic	Australia	4	1.26	1.11
708333	Institute of Chemical Technology	Academic	India	4	1.26	1.11
704864	Malaviya National Institute of Technology	Academic	India	1.8	0.16	0.71
723925	Invertis University	Academic	India	4.3	0.35	0.67
713997	Dr. A.P.J. Abdul Kalam Technical University	Academic	India	0	0	0.6
716849	Sharda University	Academic	India	1.7	0.32	0.32
207082	University of Rajasthan	Academic	India	4	0.35	0.66
708172	Chhatrapati Shahu Ji Maharaj Kanpur University	Academic	India	0.8	0.54	0.58



207108	Indian Council of Medical Research	Government	India	2.6	0.18	0.68
409005	King Saud University	Academic	Saudi Arabia	12.4	1.43	1.54
714306	Rajasthan Technical University	Academic	India	6.4	1.02	1.24
715249	Chandigarh University	Academic	India	60.8	4.98	2.12
720079	SMS Medical College	Medical	India	4.5	0.44	0.51
207002	All India Institute of Medical Sciences, New Delhi	Government	India	5.7	0.45	0.62
700640	Amrita Vishwa Vidyapeetham	Academic	India	3.3	0.61	0.64
715491	BML Munjal University	Academic	India	9	1.09	0.37
704865	Banasthali University	Academic	India	2	0.27	0.41
706541	Central University of Rajasthan	Academic	India	6.3	0.46	0.64
716261	GLA University	Academic	India	5	0.48	0.47
704871	Guru Gobind Singh Indraprastha University	Academic	India	71.7	12.9	1.15
710158	Maharana Pratap University of Agriculture & Technology	Academic	India	4	0.39	0.95
703262	Manipal Academy of Higher Education	Academic	India	3.7	0.98	1.93
704896	National Institute of Technology Hamirpur	Academic	India	140.3	19.16	1.15
706824	National Institute of Technology Meghalaya	Academic	India	1.3	0.63	0.52
215004	National University of Singapore	Academic	Singapore	21.3	2.62	2.34
719998	CSIR - Central Drug Research Institute	Government	India	4.5	0.51	0.65
508440	Cedars-Sinai Medical Center	Medical	United States	2	1.36	0.51
715239	Chitkara University	Academic	India	22.5	3.64	1.38
714078	ICAR - Directorate of Rapeseed & Mustard Research	Government	India	1.5	0.46	0.44
207024	ICAR - Indian Agricultural Research Institute	Government	India	10.5	1.28	0.71
710103	ICAR - Indian Institute of Soil Sciences, Bhopal	Government	India	4	0.41	0.99



710142	Indian Council of Agricultural Research	Government	India	4	0.41	0.99
207132	Mohan Lal Sukhadia University	Academic	India	3	0.4	0.49
721676	Presidency University	Academic	India	12.5	1.52	0.44
703228	Rajiv Gandhi Technical University	Academic	India	34	3.48	0.77
508199	Rowan University	Academic	United States	13.5	1.17	0.93
327023	Silesian University of Technology	Academic	Poland	118.5	9.55	3.47
708162	Tripura University	Academic	India	10.5	1.3	1.24
207073	University of Delhi	Academic	India	4.5	0.48	0.66
715476	University of Gour Banga	Academic	India	2.5	0.66	0.85
706806	University of Hail	Academic	Saudi Arabia	6.5	0.85	1.13
700840	University of Kelaniya	Academic	Sri Lanka	4.5	0.57	0.65
508314	University of Nebraska Medical Center	Academic	United States	7	0.45	0.88
710470	University of Petroleum and Energy Studies	Academic	India	13	3.81	0.66
714319	Vignan's Foundation for Science, Technology & Research	Academic	India	3.5	0.4	0.54
715180	Wollo University	Academic	Ethiopia	6.5	1.93	0.53
209076	Yeungnam University	Academic	South Korea	0.5	0.13	0.75
717210	Al-Mustaqbal University College	Academic	Iraq	0	0	0.63
714312	B.S. Abdur Rahman Crescent Institute of Science and Technology	Academic	India	2	0.07	0.34
704852	BRAC University	Academic	Bangladesh	3	1.59	0.72
207006	Banaras Hindu University	Academic	India	4	0.46	0.46
715893	Bennett University	Academic	India	57	8.82	1.01
207009	Bhabha Atomic Research Centre	Government	India	0	0	0.34
705529	Birla Institute of Technology, Mesra	Academic	India	4	0.46	0.46
714036	Bonch-Bruевич Saint Petersburg State University of Telecommunications	Academic	Russian Federation	2	0.53	6.8



207014	CCS Haryana Agricultural University	Academic	India	4	0.29	0.96
720001	CSIR - Central Electronics Engineering Research Institute	Government	India	0	0	1.34
308002	Charles University	Academic	Czech Republic	5	1.31	3.86
310002	Copenhagen Business School	Academic	Denmark	3	0.79	1.37
508048	Creighton University	Academic	United States	3	0.34	0.84
715468	DIT University	Academic	India	3	0.8	0.65
704660	Defence Research and Development Organisation India	Government	India	1	0.18	0.75
207094	Devi Ahilya University of Indore	Academic	India	0	0	0.13
410017	Dokuz Eylul University	Academic	Turkey	10	1.24	0.91
209017	Dongguk University	Academic	South Korea	1	0.26	1.37
716855	Federal Urdu University of Arts, Science and Technology	Academic	Pakistan	4	1.27	0.54
712785	Future University in Egypt	Academic	Egypt	7	0.89	0.98
207021	G.B. Pant University of Agriculture and Technology	Academic	India	20	2.25	0.87
209020	Gwangju Institute of Science and Technology	Academic	South Korea	7	2.47	3.44
700355	Higher Colleges of Technology	Academic	United Arab Emirates	10	1.24	0.91
713553	Homi Bhabha National Institute	Academic	India	0	0	0.34
710097	ICAR - Central Soil Salinity Research Institute, Karnal	Government	India	2	0.3	1.25
710105	ICAR - Indian Institute of Sugarcane Research, Lucknow	Government	India	2	0.3	1.25
712442	ICAR - Indian Institute of Wheat and Barley Research	Government	India	2	0.3	1.25
714105	ICAR - National Research Centre on Plant Biotechnology	Government	India	1	0.31	0.56
717131	Indian Institute of Information Technology, Allahabad	Academic	India	6	0.82	1.78



709835	Indian Institute of Science Education and Research, Kolkata	Academic	India	0	0	2.99
715355	Institute of Liver and Biliary Sciences	Medical	India	3	0.34	0.62
718220	Institute of Nano Science and Technology	Academic	India	6	0.81	1.27
708762	International Iberian Nanotechnology Laboratory	Government	Portugal	5	1.31	3.86
718028	International Islamic University Chittagong	Academic	Bangladesh	7	2.47	3.44
213003	International Rice Research Institute	Other	Philippines	3	0.34	0.62
720211	JSS Academy of Technical Education	Academic	India	8	2.31	0.66
207119	Jai Narain Vyas University, Jodhpur	Academic	India	18	1.65	2.55
704895	Jaypee University of Information Technology	Academic	India	8	2.31	0.66
209007	Jeonbuk National University	Academic	South Korea	1	0.26	1.37
706089	Jiwaji University	Academic	India	19	2.11	1.61
331035	Kazan National Research Technical University named after A.N. Tupolev	Academic	Russian Federation	2	0.53	6.8
409001	King Abdulaziz University	Academic	Saudi Arabia	6	0.59	1.15
708295	Koneru Lakshmaiah Education Foundation	Academic	India	3	0.79	1.37
201013	La Trobe University	Academic	Australia	0	0	2.99
207048	M.S. University of Baroda	Academic	India	22	1.81	0.63
720204	MIT World Peace University	Academic	India	7	2.47	3.44
207130	Mahatma Gandhi University, Kottayam	Academic	India	1	0.29	0.35
715839	Majmaah University	Academic	Saudi Arabia	7	0.89	0.98
704862	Motilal Nehru National Institute of Technology	Academic	India	12	1.07	0.96
705841	National Institute of Nutrition	Academic	India	3	0.34	0.62
706825	National Institute of Technology Uttarakhand	Academic	India	12	1.07	0.96
704851	National Institute of Technology, Durgapur	Academic	India	12	0.96	0.98
331008	National University of Science and Technology MISiS"	Academic	Russian Federation	5	1.31	3.86
326005	Norwegian University of Science and Technology	Academic	Norway	50	11.12	0.26



708453	O.P. Jindal Global University	Academic	India	6	0.59	1.15
508182	Old Dominion University	Academic	United States	0	0	0.71
331116	Peter the Great St. Petersburg Polytechnic University	Academic	Russian Federation	2	0.53	6.8
312042	Polytechnic University of Valencia	Academic	Spain	1	0.12	0.57
718671	Povolzhskiy State University of Telecommunications and Informatics	Academic	Russian Federation	2	0.53	6.8
705205	Prince Sattam Bin Abdulaziz University	Academic	Saudi Arabia	3	0.89	0.53
201067	Princess Alexandra Hospital Brisbane	Medical	Australia	5	0.4	0.77
703243	Princess Nourah Bint Abdulrahman University	Academic	Saudi Arabia	4	1.27	0.54
706816	Punjab Technical University	Academic	India	0	0	0.63
201071	Queensland Health	Government	Australia	5	0.4	0.77
201018	Queensland University of Technology	Academic	Australia	5	0.4	0.77
710168	Sam Higginbottom Institute of Agriculture, Technology & Sciences	Government	India	1	0.41	0.8
711700	Saveetha Institute of Medical and Technical Sciences (Deemed to be University)	Academic	India	0	0	0.63
710163	Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu	Academic	India	2	0.62	0.33
705522	Shoolini University of Biotechnology and Management Sciences	Academic	India	6	0.81	1.27
718255	Shri Govindram Seksaria Institute of Technology and Science	Academic	India	8	2.31	0.66
203186	Sichuan University	Academic	China	6	0.59	1.15
714315	Sikkim Manipal University	Academic	India	0	0	0.06
724775	Singidunum University	Academic	Serbia	10	1.24	0.91
700881	St. Petersburg National Research University of Information Technologies, Mechanics and Optics (ITMO)	Academic	Russian Federation	2	0.53	6.8



704867	Swami Keshwanand Rajasthan Agricultural University	Academic	India	2	0.5	0.88
705442	Symbiosis International University	Academic	India	6	0.81	1.27
700954	Taif University	Academic	Saudi Arabia	26	7.62	1.1
207157	Tata Memorial Hospital	Medical	India	0	0	0.34
221002	Tribhuvan University	Academic	Nepal	4	0.53	1.02
725051	Ufa University of Science and Technology	Academic	Russian Federation	2	0.53	6.8
211013	Universiti Teknologi Petronas	Academic	Malaysia	6	0.82	1.78
720422	University for Information Science St. Paul the Apostle	Academic	North Macedonia	26	7.62	1.1
508252	University of Alabama	Academic	United States	3	0.34	0.84
508253	University of Alabama at Birmingham	Academic	United States	4	0.46	0.46
309066	University of Bonn	Academic	Germany	0	0	0.21
115004	University of Cape Town	Academic	South Africa	3	1.04	0.84
717967	University of Computer Studies, Yangon	Academic	Myanmar	2	0.45	0.13
704918	University of Kashmir	Academic	India	7	0.89	0.98
115006	University of KwaZulu-Natal	Academic	South Africa	2	0.53	6.8
207078	University of Madras	Academic	India	1	0.29	0.35
207080	University of Mysore	Academic	India	97	11.9	4.53
201027	University of New South Wales	Academic	Australia	11	0.37	0.96
203213	University of Science and Technology of China	Academic	China	2	0.53	6.8
113004	University of Sfax	Academic	Tunisia	10	1.24	0.91
508344	University of Texas at Arlington	Academic	United States	3	0.34	0.84
508353	University of Toledo	Academic	United States	11	0.56	0.91
703183	University of West Attica	Academic	Greece	10	1.24	0.91
508762	VA Medical Center	Medical	United States	0	0	0.4
713689	Visvesvaraya National Institute of Technology	Academic	India	60	4.65	0.88
700951	Al-Imam Muhammad Ibn Saud Islamic University	Academic	Saudi Arabia	5	0.66	1.4



708210	Babasaheb Bhimrao Ambedkar Bihar University	Academic	India	14	0.35	1.17
207016	CSIR - Indian Institute of Chemical Technology	Government	India	1	0.05	0.94
719991	CSIR - Institute of Genomics and Integrative Biology	Government	India	1	0.05	0.94
706839	Central University of Haryana	Academic	India	27	0.88	0.84
309013	German Cancer Research Center	Government	Germany	1	0.05	0.94
309019	Heinrich Heine University Düsseldorf	Academic	Germany	1	0.1	0.8
207034	Indian Institute of Technology Kharagpur	Academic	India	5	0.66	1.4
701374	Jamia Millia Islamia	Academic	India	5	0.66	1.4
207044	Jawaharlal Nehru University	Academic	India	27	0.88	0.84
708160	Maulana Abul Kalam Azad University of Technology	Academic	India	1	0.05	0.94
717753	Ministry of Health and Family Welfare	Government	India	1	0.05	0.94
207057	Pondicherry University	Academic	India	1	0.05	0.94
309048	RWTH Aachen University	Academic	Germany	1	0.1	0.8
201019	Royal Melbourne Institute of Technology University	Academic	Australia	41	0.86	1.07
602012	Universidade de Brasília	Academic	Brazil	41	0.86	1.07
309068	University of Cologne	Academic	Germany	1	0.1	0.8
201028	University of Newcastle	Academic	Australia	41	0.86	1.07
707275	Xi'an Jiaotong-Liverpool University	Academic	China	5	0.66	1.4
707339	Central University of Gujarat	Academic	India	0	0	0.22
207031	Indian Institute of Technology Delhi	Academic	India	6.5	1.51	4.59
718617	JECRC University	Academic	India	3	0.56	18.54
321043	University of Calabria	Academic	Italy	7	1.76	0.64
709589	Vardhaman College of Engineering	Academic	India	0	0	0.75
207170	Vellore Institute of Technology	Academic	India	0	0	0.7
720620	All India Institute of Medical Sciences, Raipur	Academic	India	0	0	0.78



718439	Bule Hora University	Academic	Ethiopia	2	0.53	1.08
209008	Chonnam National University	Academic	South Korea	15	3.12	1.62
717959	Galgotias University	Academic	India	2	0.53	1.08
207022	Guru Nanak Dev University	Academic	India	6	0.79	0.39
207028	Indian Institute of Science Bangalore	Academic	India	12	2.81	8.77
705842	Institute of Life Sciences	Academic	India	12	2.81	8.77
716210	K.R. Mangalam University	Academic	India	0	0	0.14
706107	Maulana Azad National Institute of Technology	Academic	India	0	0	0.41
315038	Medical Research Council	Government	United Kingdom	2	0.58	1.57
215003	Nanyang Technological University	Academic	Singapore	14	0.9	0.85
321003	National Research Council of Italy	Government	Italy	8	2.01	0.52
508186	Pennsylvania State University	Academic	United States	1	0.4	0.45
720171	Rajiv Gandhi Institute of Technology, Mumbai	Academic	India	0	0	0.41
713556	SVKM's NMIMS	Academic	India	0	0	0.32
716252	Suresh Gyan Vihar University	Academic	India	6	1.12	36.95
715706	Teerthanker Mahaveer University	Academic	India	1	1.74	0.54
207079	University of Mumbai	Academic	India	15	3.12	1.62
508335	University of Rochester	Academic	United States	6	1.51	0.75
315097	University of Southampton	Academic	United Kingdom	2	0.58	1.57
201034	University of Technology Sydney	Academic	Australia	1	1.44	0.46
207004	Anna University	Academic	India	14.5	4.6	4.98
719846	Gokaraju Rangaraju Institute of Engineering and Technology	Academic	India	7	2.8	1.41
207043	Jawaharlal Nehru Technological University	Academic	India	3.5	1.56	1.24
409004	King Khalid University	Academic	Saudi Arabia	16.5	4.15	0.58
707452	North South University	Academic	Bangladesh	23	4.79	1.04



715166	Ambo University	Academic	Ethiopia	1	0.45	1.77
719894	CMR College of Engineering & Technology	Academic	India	21	5.63	2.53
314004	CNRS	Government	France	8	1.03	0.94
216002	Chiang Mai University	Academic	Thailand	8	3.57	7.43
715169	Debre Berhan University	Academic	Ethiopia	8	3.57	7.43
705344	Indian Institute of Management Kozhikode	Academic	India	1	0.45	1.77
717850	Institute of Engineering and Management	Academic	India	2	0.89	1.59
720235	Islamic University, Kushtia	Academic	Bangladesh	7	3.13	0.62
704821	Jain University	Academic	India	6	2.68	0.71
704811	Kalasalingam University	Academic	India	7	3.13	0.71
106002	Kwame Nkrumah University of Science and Technology	Academic	Ghana	6	2.68	0.71
720220	Lakireddy Bali Reddy College of Engineering	Academic	India	6	2.68	0.71
717043	Lovely Professional University	Academic	India	7	3.13	0.62
203136	Nantong University	Academic	China	8	1.03	0.94
207139	National Institute of Technology Jamshedpur	Academic	India	2	0.89	0.62
701182	Pontificia Universidad Católica del Perú	Academic	Peru	8	3.57	7.43
702903	Royal University of Bhutan	Academic	Bhutan	7	3.13	2.92
703244	SRM Institute of Science and Technology	Academic	India	1	0.45	1.77
410048	Selcuk University	Academic	Turkey	10	4.47	1.77
716251	Shree Guru Gobind Singh Tricentenary University	Academic	India	1	0.36	1.53
104011	South Valley University	Academic	Egypt	27	5.63	0.45
702120	University for Development Studies Ghana	Academic	Ghana	1	0.45	1.77
715107	University of Mines and Technology	Academic	Ghana	10	4.47	1.77
207081	University of Pune	Academic	India	6	2.68	0.71
115011	University of the Witwatersrand	Academic	South Africa	7	3.13	2.92
314069	Université de technologie de Compiègne	Academic	France	8	1.03	0.94



719869	Institute of Engineering and Technology, Lucknow	Academic	India	25	3.46	1.46
203076	Harbin Institute of Technology	Academic	China	6	0.41	0.81
720289	NIMS University	Academic	India	2	0.3	2.17
207165	University of Jammu	Academic	India	8	0.64	0.41

The Role of Manipal University Jaipur in International Collaboration for SDG Data Gathering and Measurement

Manipal University Jaipur, with its wealth of academic expertise, research capabilities, and global networks, plays a fundamental role in the collection, analysis, and measurement of data related to the SDGs. The involvement spans a wide spectrum of activities, including conducting research, collaborating with international bodies, and establishing data-gathering methodologies.

Manipal University Jaipur engages in comprehensive research initiatives, employing a multidisciplinary approach to assess and gather data related to the SDGs. These research endeavors often transcend geographical boundaries, involving collaborations with international partners, research institutions, and global organizations. By leveraging diverse resources and perspectives, Manipal University Jaipur contributes to a more comprehensive understanding of the complex challenges underlying each SDG. Manipal University Jaipur is at the forefront of establishing robust methodologies for data collection and measurement. Its scientific rigor and commitment to accuracy play a vital role in ensuring that the data gathered is reliable and adheres to international standards. Whether it is environmental sustainability, poverty, health, education, or other SDG-related aspects, Manipal University Jaipur employs advanced techniques to collect, analyze, and interpret data accurately.

Manipal University Jaipur actively collaborates with international bodies and organizations dedicated to the SDGs. These partnerships foster a collaborative environment for sharing best practices, standardizing data collection methods, and ensuring consistency in the reporting of progress. These partnerships aid in establishing a global framework for data collection, making the information gathered universally comparable and reliable. Manipal University Jaipur contributes to capacity building by sharing knowledge and expertise. Through international collaboration, it supports other institutions, particularly in developing regions, in enhancing its capabilities for data gathering and measurement. This knowledge exchange empowers diverse communities to contribute meaningfully to the global effort of achieving the SDGs. The data collected and measured through these international collaborations serve as the backbone for decision-making processes. Governments, policymakers, NGOs, and international organizations rely on this data to assess progress, identify challenges, and tailor policies and interventions. The global relevance of this data is instrumental in fostering a shared understanding of the status of each SDG and steering collective action toward sustainable development.

Through research, partnerships, and knowledge sharing, Manipal University Jaipur contributes significantly to establishing a solid foundation of reliable data, which is essential for informed decision-making and collective efforts towards achieving the Sustainable Development Goals on a global scale.



MANIPAL UNIVERSITY
JAIPUR

FACULTY OF ENGINEERING

SCHOOL OF CIVIL AND CHEMICAL ENGINEERING

DEPARTMENT OF CHEMICAL ENGINEERING

**Cutting-edge Research in Materials and Sustainable Chemical
Technologies (CRMSCT-2022)**

International Conference

27-29th January 2022

Head

Department of Chemical Engg.
Manipal University, Jaipur



1. Introduction of the Event
2. Objective of the Event
3. Beneficiaries of the Event
4. Details of the Guests
5. Brief Description of the event
6. Photographs
7. Brochure or creative of the event
8. Schedule of the Event
9. Attendance of the Event
10. News Publication
11. Feedback of the Event
12. Link of MUJ website

1. Introduction of the Event

The international conference on “Cutting-Edge Research in Materials and Sustainable Chemical Technologies (CRMSCT-2022)” focuses on the current progress in materials development and provides an overview of the sustainable innovations in the field of chemical engineering and chemistry. The event is also intended to bridge the collaborations between chemistry and chemical engineering for sustainable development. The event provides a platform for young researchers to interact with high-level speakers that includes industry experts and leading researchers from academia. The conference provides the participants with opportunity to explore new ideas and learn from the speakers in the ever-expansive field of sustainable development.

2. Objective of the Event (bullet points or about 50 words)

1. To bridge the collaborations between chemistry and chemical engineering for sustainable development.
2. To provide platform for young researchers to interact with eminent speakers that includes industry experts and leading researchers from academia
3. To provide an opportunity to explore new ideas and learn from the speakers in the ever-expansive field of sustainable development.

3. Beneficiaries of the Event (Student/Faculty/Community etc) (25 words)

1. Students
2. Faculty members
3. Industry persons

4. Details of the Guests (Chief Guests, speakers etc Designation, organization, contact details if any please give them in sr no)

1. Prof. G.D.Yadav Institute of Chemical Technology, Mumbai
2. Prof. Brian Rosen Tel Aviv University, Israel
3. Dr. Paresh Dhepe National Chemical Laboratory, Pune
4. Prof. Bert Wechuysen Utrecht University The Netherlands
5. Prof. Rafiqul Gani PSE for speed company, Denmark
6. Prof. Ajay Dalai University of Saskatchewan, Canada
7. Prof. Andrzej Stankiewicz TU Delft, The Netherland
8. Dr. Pradip Kumar CSIR-AMPRI, Bhopal, India

5. Brief Description of the event (about 200 words)

The international conference on “Cutting-Edge Research in Materials and Sustainable Chemical Technologies (CRMSCT-2022)” focuses on the current progress in materials development and provides an overview of the sustainable innovations in the field of chemical engineering and chemistry. The event is also intended to bridge the collaborations between chemistry and chemical engineering for sustainable development. The event provides a platform for young researchers to interact with high-level speakers that includes industry experts and leading researchers from academia. The conference provides the participants with opportunity to explore new ideas and learn from the speakers in the ever-expansive field of sustainable development. The speakers delivered talks on Sustainable chemical technologies, Advanced materials and composites, catalysis and reaction Engineering, Industrial wastewater treatment, Hydrogen production, storage, and utilization, Renewable energy and resources, and Process Intensification.

6. 3 to 5 photographs of the event or screenshots of the event (if online) with captions



Fig. 1. Prof. G.D.Yadav (Bottom right corner) and Prof. Brian (right top corner) attending the event.

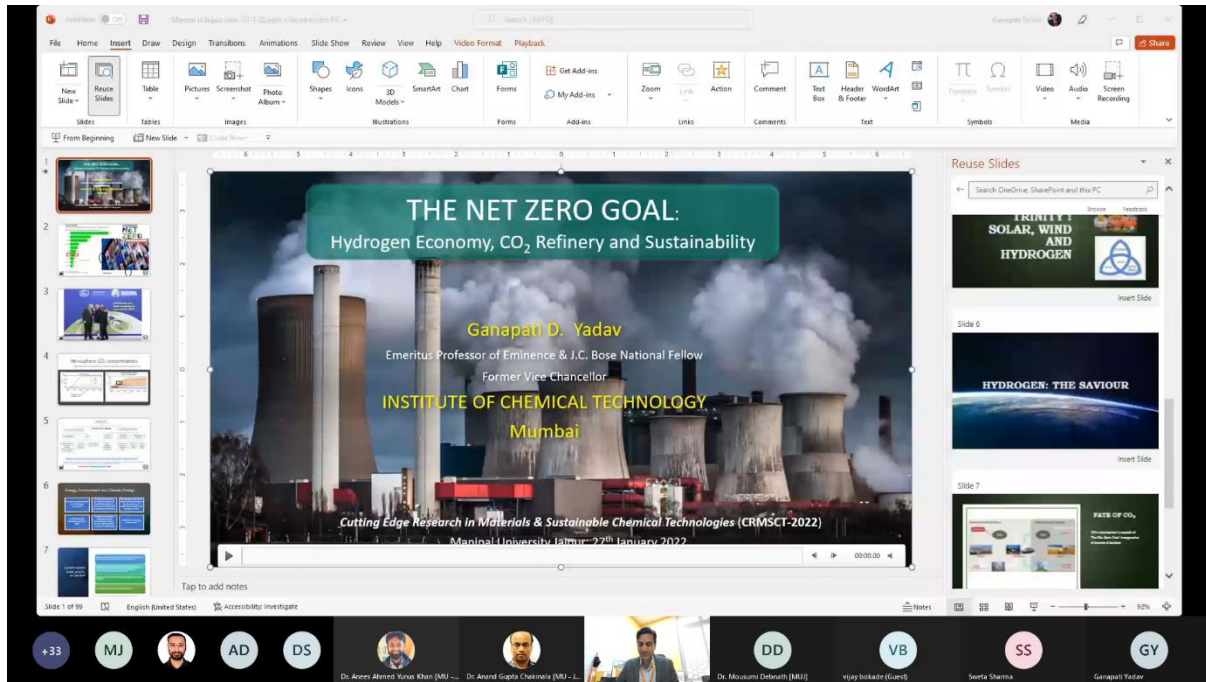


Fig. 2. Prof. G.D. Yadav Institute of Chemical Technology, Mumbai delivering plenary lecture on The Net Zero Goal: Hydrogen Economy, Carbon Dioxide Refinery and Sustainability

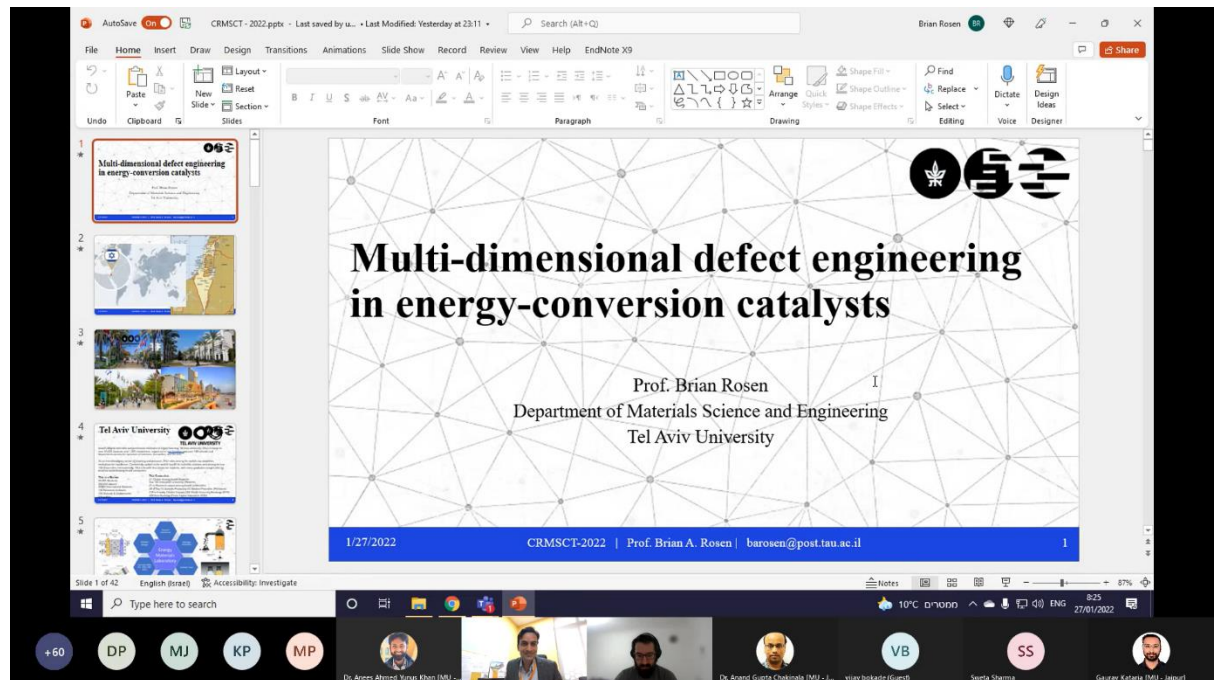


Fig. 3. Prof. Brian Rosen Tel Aviv University, Israel delivering keynote lecture on Multi-dimensional defect engineering in exsolution-based catalyst



7. Brochure or creative of the event (insert in the document only

)



The Catalysis Society of India

CRMSCT 2022

International conference
on
**Cutting-edge Research in Materials and
Sustainable Chemical Technologies 2022 (Virtual Mode)**
(Decennial Year Celebration of MUJ)

Organized by
Department of Chemical Engineering

&
**Department of Chemistry
Manipal University Jaipur**

In association with
Catalysis Society of India

January 27-29, 2022

www.crmsct2022.com

Contact us: crmsct2022.muja@gmail.com

CRMSCT 2022

The international conference on “**Cutting-Edge Research in Materials and Sustainable Chemical Technologies (CRMSCT-2022)**” will focus on the current progress in materials development and provides an overview of the sustainable innovations in the field of chemical engineering and chemistry. The event is also intended to bridge the collaborations between chemistry and chemical engineering for sustainable development. The event provides a platform for young researchers to interact with eminent speakers that includes industry experts and leading researchers from academia. The conference provides an opportunity to explore new ideas and learn from the speakers in the ever-expansive field of sustainable development.



Manipal University Jaipur (MUJ)

The Manipal education group with its heritage of excellence in higher education over 60 years, launched Manipal University Jaipur (MUJ) in 2011. The University campus is set up on 122 acres of land at Dehmi kalan village near Jaipur, and by far one of the best campuses in the region. MUJ has world-class infrastructure, including state-of-the-art research facilities and modern library. Manipal University Jaipur is the first university in the state of Rajasthan accredited as A+ (3.28) grade by NAAC. In line with the Manipal University's legacy of quality education, the university uses the latest and innovative methods to impart education. MUJ offers programs in varied disciplines of Engineering, sciences, Management, law, arts, and journalism.

Department of Chemical Engineering

The department of chemical engineering was established in 2014 that has been recognized for its significant research contribution on industrial problems such as waste to wealth, porous materials, catalysis, and water treatment. The department works meticulously on the current societal problems in collaboration with the academic and industrial partners to meet the societal needs. The department has recently developed a pilot scale oxygen generator in collaboration with Monash University & Curtin University, Australia and holds a budget of around ₹ 50 million obtained through various funding agencies like DST, SERB and industry. We offer B.Tech (Hons.) program in Petroleum Engineering (PE) and Computer Aided Process Engineering (CAPE) and Ph.D. in all major areas of chemical engineering. We have well equipped dedicated labs to our research and UG programs that caters to the requirements of the students and research scholars.



Department of Chemistry

Department of Chemistry has come a long way since its inception in 2011 by making significant contribution in education and research in all areas of chemistry and allied branches. Department offers B.Sc (Hons.), M.Sc (Chemistry) and PhD in all major areas of Chemistry. Department has well equipped labs to cater to the requirements of undergraduate, postgraduate and research programs. Faculty members have received funding from external agencies like KURITA-Japan, DST-Gol. UGC-DAE, DBT-Gol, DST-Rajasthan to name a few.

Call for Paper

Topic of interest for submission in the following areas of interest, but not limited to:

- Sustainable chemical technologies
- Advanced materials and composites
- Catalysis and reaction Engineering
- Industrial wastewater treatment
- Hydrogen production, storage, and utilization
- Renewable energy and resources
- Carbon capture and storage
- Process Intensification
- Soft computing techniques in chemical sciences
- Drug delivery and Bioinformatics

For more information about abstract submission visit our website www.crmsct2022.com

Publication

Selected full-length manuscripts after the peer review process will be published in the following Proceedings/Journals :

- Chemistry Select
- Bulgarian Chemical Communications

Important Dates

Last date for abstract submission :	30 th Oct 2021
Notification for acceptance of paper:	05 th Nov 2021
Last date for full length paper submission :	30 th Nov 2021
Last date for online registration :	30 th Nov 2021

Fee Details

	National	International
Manuscript Submission with SCOPUS INDEXED PROCEEDINGS/JOURNALS	INR 5000	USD 100
Oral presentation + Abstract Publication with ISBN or DOI	INR 1500	USD 30
Participant (listener only)	INR 500	USD 20

Speakers



Prof. G. D. Yadav
ICT Mumbai, India



Prof. Bert Weckhuysen
Utrecht University, The Netherlands



Prof. Andrez Stankewicz
TU Delft, The Netherlands



Prof. Brian Rosen
Tel Aviv University, Israel



Dr. Paresh Dhepe
CSIR Pune, India



Prof. Rafiqul Gani
Texas A&M University, USA
Zhejiang University, China



Dr. Siddarth Patwardhan
The University of Sheffield, UK



Prof. Ajay K. Dalai
University of Saskatchewan,
Canada



Dr. Pradip Kumar
CSIRAMPRI, Bhopal

Chief Patron
Prof. K. Ramnarayan, Chairperson, MUJ

Patron Prof. G.K. Prabhu, President, MUJ	Co-Patron Prof. N.N. Sharma, Pro-president, MUJ Dr. Nitu Bhatnagar, Registrar, MUJ
Conference Chair Prof. J. Korody, Dean, FoE, MUJ Prof. A. Mukhopadhyay, Dean, FoS, MUJ	Conference Co-Chair Prof. Bhavna Tripathi, Director, SCCE, MUJ Prof. Lalita Ledwani, Director, SBS, MUJ
Convener Dr. Anand G. Chakinala, HoD, Chemical Engineering, MUJ Dr. Rahul Shrivastava, HoD, Chemistry, MUJ	
Co-Convener Dr. Anees Khan, Chemical Engineering, MUJ Dr. Praveen Kumar Surolia, Chemistry, MUJ	
Advisory Committee	
<ul style="list-style-type: none"> •Prof. G.D. Yadav, IIT Mumbai, India •Prof. Bert Weckhuysen, Utrecht University, The Netherlands •Prof. Andrez Stankeweiz, TU Delft, The Netherlands •Dr. Paresh Dhepe, CSIR National Chemical Laboratory, Pune, India •Prof. Rafiqul Gani, Texas A&M University, USA, Zhejiang University, China •Dr. Pradip Kumar, CSIR AMPRI, Bhopal, India •Dr. Siddarth Patwardhan, The University of Sheffield, UK. •Dr. R.V. Jasra, President, CSI, India •Prof. P. Selvam, Vice-President, CSI, India •Dr. R.C. Deka, Secretary, CSI, India •Dr. N. Viswanadham, Joint Secretary, CSI, India •Dr. Sharad Lande, Reliance Industries, India •Prof. Ajay K. Dalai, University of Saskatchewan, Canada 	
Organizing Committee	
<ul style="list-style-type: none"> •Prof. Abhishek Sharma •Dr. Gaurav Kataria •Dr. Sarika Singh •Dr. Nandana Chakinala •Dr. Susruta Samanta •Dr. Manisha Sharma 	<ul style="list-style-type: none"> • Dr. Harsh Pandey • Dr. Michel Prabhu • Dr. Sriparna Ray • Dr. Meenakshi Pilonia • Dr. Naveen Kumar Singh • Dr. Veena Dhayal

8. Schedule of the event (insert in the report)

International Conference on Cutting-edge Research in Materials and Sustainable Chemical Technologies CRMSCT-2022

January 27-29, 2022

Programme Schedule

Inaugural Session - [CLICK HERE](#)

Time Zone: IST	Speaker	Details
09:30 AM -09:35 AM	Dr. Anand Gupta Chakinala Head, Department of Chemical Engineering, MUJ	Opening remarks
09:35 AM -09:40 AM	Dr. Praveen Surolia Department of Chemistry, MUJ Engineering, MUJ	About Conference
09:40 AM -09:43 AM	Prof. Bhavna Tripathi Director, School of Civil & Chemical Engineering, MUJ	About School of Civil and Chemical Engineering, MUJ
9.43 AM - 9.47 AM	Prof. Rajveer Singh Shekhawat Dean, Faculty of Engineering	About Faculty of Engineering, MUJ
09:47 AM -09:51 AM	Prof. Lalita Ledwani Dean, Faculty of Sciences	About Faculty of Sciences, MUJ
09:51 AM -09:55 AM	Dr. Nitu Bhatnagar Registrar, MUJ	About MUJ
09:55 AM -10:05 AM	Dr. Raksh Vir Jasra President, Catalysis Society of India (CSI)	About CSI
10:05 AM -10:15 AM	Prof. G. K. Prabhu President, MUJ	President's Address
10:15 AM -10:20 AM	Dr. Anand Gupta Chakinala Convener CRMSCT 2022	Vote of Thanks

TO ATTEND DAY-1 TALKS: [CLICK HERE](#)

Day 1: 27-Jan-2022		
Technical Session		
	Session Chair: Dr. Praveen Surolia	
10:45 AM-11:45 AM	Plenary Lecture Prof. G.D.Yadav Institute of Chemical Technology, Mumbai	The Net Zero Goal: Hydrogen Economy, Carbon Dioxide Refinery and Sustainability
11:45 AM - 12:45 AM	Keynote Lecture	
	Prof. Brian Rosen Tel Aviv University, Israel	Multi-dimensional defect engineering in exsolution- based catalyst
12:45 AM- 1:45 PM	Lunch Break	
1:45 PM- 2:45 PM	Session Chair: Dr. Harsh Pandey	
	Keynote Lecture Dr. Paresh Dhepe National Chemical Laboratory, Pune	Significance of catalyst design and their application in biomass conversion
2:45 PM-2:55 PM	Break	
2:55-5:05 PM	Session Chair: Dr. Suranjan De	
	Session Co-chair: Dr. Amrita Biswas	
	Paper No. CRMSCT-2202-22	

TO ATTEND DAY-2 TALKS: [CLICK HERE](#)

Day 2: 28th January 2022		
	Session Chair: Dr. Anand Chakinala	
9:30-10:30 AM	Plenary Lecture Prof. Bert Wechuysen Utrecht University The Netherlands	New Operando Insights in the Catalytic Chemistry of Small Molecule Activation
10:30-11:30 AM	Keynote Lecture Prof. Rafiqul Gani PSE for speed company, Denmark	Sustainable process synthesis, design, and analysis: Challenges and opportunities
11:30-11:45 AM	Break	
11:45-12:45 pm	Keynote Lecture Prof. Ajay Dalai University of Saskatchewan, Canada	Clean Sustainable Energy Production Technologies: Canadian Perspective
12:45 AM- 1:45 PM	Lunch Break	
	Session Chair: Dr. Anees Y. Khan	
1:45 PM- 2:45 PM	Keynote Lecture Prof. Andrzej Stankiewicz TU Delft, The Netherland	Role of advanced materials in process intensification
2:45 PM-2:55 PM	Break	
	Session Chair: Dr. Gaurav Kataria	
	Session Co-Chair: Dr. Suranjan De	
2:55-5:05 PM	Paper No. CRMSCT-2233-50	

TO ATTEND DAY-3 TALKS: [CLICK HERE](#)

Day 3: 29th January 2022		
	Session Chair: Dr. Harsh Pandya Session Co-chair: Nandana Chakinala & Dr. Mainak Ganguly	
9:00-10:00 AM	Keynote Lecture Dr. Pradip Kumar CSIR-AMPRI, Bhopal, India	2D Materials for Hydrogen Storage Applications
10:00-11:00 am	Paper No. CRMSCT-2223-30	
11:00-12:00 pm	Paper No. CRMSCT-2251-58	
12:00-12:30 pm	Valedictory	

9. Attendance of the Event (insert in the document only)
Total attendee-.....

Sr. No	Name of Institution	Place of Institution	Registration Number/Employee code	Name of Attendee	Name of Dept

Name	Designation	Email	Name of organization
SHIVANGI	Research	shivi1925@gmail.com	Guru Gobind Singh University
Dr. SURESH	Faculty	suresh.chemineer@gmail.com	Maulana Azad National Technology, Bhopal
RAVI KUMAR	Research	RaviKumarBhupesh1955@gmail.com	JAI NARIAN VYAS UNIVERSITY, JODHPUR, DEPARTMENT OF CHEMISTRY
SOMA DE	Research	soma.chatterjee@saha.ac.in	Saha Institute of Nuclear Physics
Fasil Qayoom	Faculty	mirfasil@nitsri.net	National Institute of Technology, Srinagar
NEELESH	Scientist	neeleshk@barc.gov.in	BARC
Madhu Pandey	Research	madhu.pandey.20pC@iitram.ac.in	Institute of Infrastructure Development, Research and Innovation (IITRAM)
Govind Gupta	Research	guptagovind978@gmail.com	Manipal University Jaipur
KAVITA MEENA	Research	kavitameena395@gmail.com	Department of Chemistry, Jai Narain Vyas University, Bikaner (Rajasthan)
ANURUP DAS	Scientist	anurup@barc.gov.in	Bhabha Atomic Research Centre
ARUSHI	Research	arushi.pandey2911@gmail.com	University of Allahabad
Bushra Khan	Research	bushra01jan1993@gmail.com	University Of Allahabad
Preeti Yadav	Research	preetiawe@allduniv.ac.in	University of Allahabad
Fasil Qayoom	Faculty	mirfasil@nitsri.net	National Institute of Technology, Srinagar
KAMAL KUMAR SINGH	Faculty	kkchoudhary1@yahoo.com	Indian Military Academy
Riddhi	Research	shrivastava.riddhi2012@gmail.com	Manipal University, Jaipur
Pushpendra	Faculty	pushpendra.kumar@jaipur.manipal.edu	Manipal University Jaipur
DIKSHA	Research	ds7610824904@gmail.com	Manipal university Jaipur
Umesh Rizal	Faculty	umeshrizal680@gmail.com	NarBahadur Bhandari College, Gangtok, Sikkim

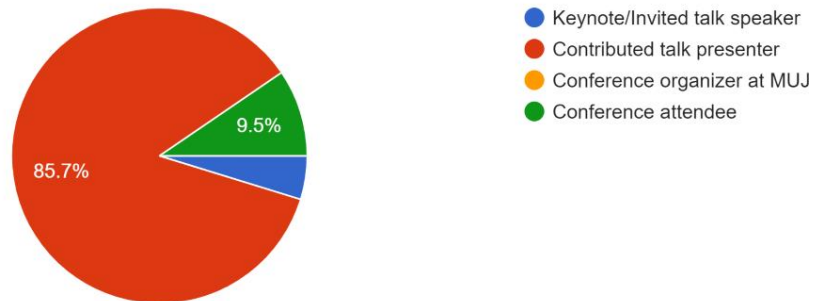
Diksha Sharma	Research	diksha7688sharma@gmail.com	Manipal University Jaipur, Jaipur
Dr. NISHANT	Faculty	nishant1986lu@gmail.com	Maharishi University of Technology, Lucknow
Akash	Research	pushpendra.kumar@jaipur.manipal.edu	Manipal University Jaipur
Nandana	Faculty	nandana.chakinala@jaipur.manipal.edu	manipal university jaipur
Dr. Mousumi	Faculty	mousumi.debnath@jaipur.manipal.edu	Manipal University Jaipur
Pooja Devi	Research	lambapooja001@gmail.com	Manipal University Jaipur
Zeeshan	Faculty	zeeshan.m@smit.smu.edu.in	Sikkim Manipal Institute of Technology
Rukshar	Research	rukshar.202505017@muj.manipal.edu	Manipal University Jaipur
Rizwan d Khan	Research	er.khan1988@gmail.com	Suresh Gyan Vihar Jaipur
Manu Smrity	Faculty	manusmriti7@gmail.com	JNV University, Jodhpur
Pooja Saini	Research	poojaa30798@gmail.com	Manipal university jaipur,
Nitu Bhatnagar	Faculty	niturbhatnagar@gmail.com	Manipal University Jaipur
Dr.SK.Fakruddin	Faculty	drfakruddin786@gmail.com	V.R.SIDDHARTHA NG COLLEGE
Timmeswara	Faculty	physicsresearchscholar786@gmail.com	Lakireddy Balireddy Engineering
Enna y	Research	ennachakervarty203@gmail.com	Manipal University Jaipur
Dr. Sriparna	Faculty	sriparna.ray@gmail.com	Manipal University Jaipur
ARUNA	Research	arunasingh0601@gmail.com	manipal university jaipur
Dr. Ashima	Faculty	ashima.bagaria@jaipur.manipal.edu	Manipal University Jaipur
Pushpendra	Faculty	pushpendra.kumar@jaipur.manipal.edu	Manipal University Jaipur
Harshada Garud	Research	harshadagarud009@gmail.com	Balasaheb Desai Patan

10. News Publication- News printed in newspaper or online links if any for news – insert images)

<https://jaipur.manipal.edu/muj/news-events/events-list/cutting-edge-research-in-materials-and-sustainable-chemical-tech.html>

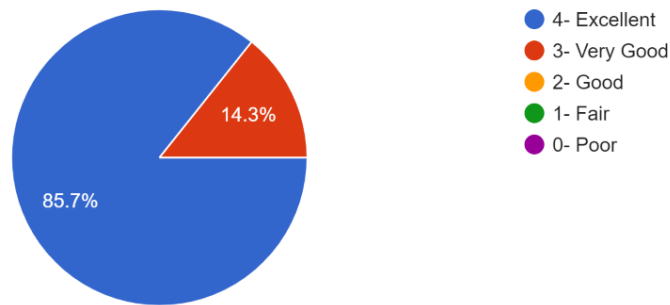
11. Feedback of the Event (if obtained)

Role in Conference
21 responses



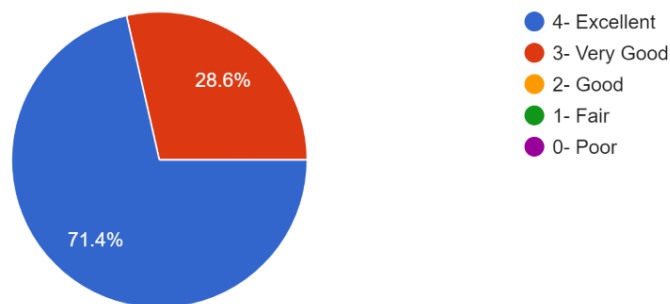
How do you rate the Conference in terms of its organization and planning, including scheduling of sessions?

21 responses



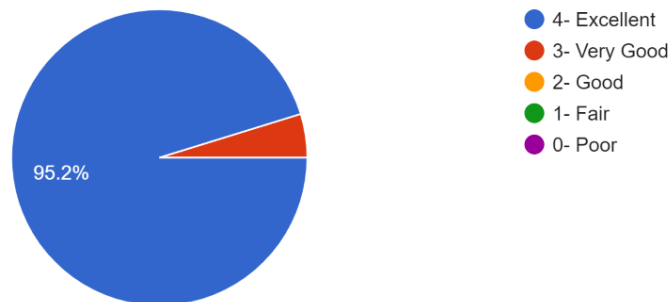
How do you rate the Conference in terms of the Content presented by all the speakers?

21 responses



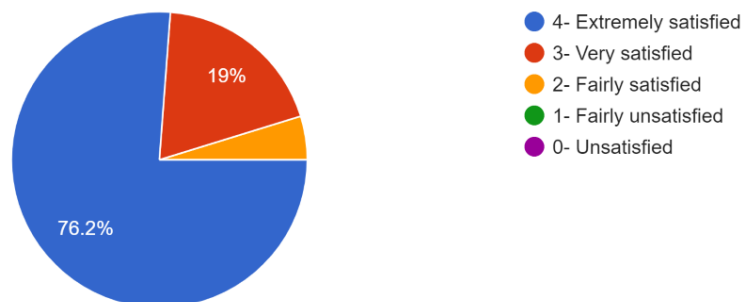
How do you rate the Conference in terms of the Suitability of the content presented by all the speakers towards the Conference theme(s)?

21 responses



How do you rate your overall satisfaction after attending the Conference?

21 responses





12. Link of MUJ website stating the event is uploaded on website

<https://jaipur.manipal.edu/muj/news-events/events-list/cutting-edge-research-in-materials-and-sustainable-chemical-tech.html>

Head
Department of Chemical Engg.
Manipal University, Jaipur

Name of Event



**MANIPAL UNIVERSITY
JAIPUR**

FACULTY OF Design

School Of Architecture and Design

Towards Architecture 2022

Career Conclave

Date of Event - 14th June, 2022

1. Introduction of the Event
2. Objective of the Event
3. Beneficiaries of the Event
4. Details of the Guests
5. Brief Description of the event
6. Photographs
7. Brochure or creative of the event
8. Schedule of the Event
9. Attendance of the Event
10. Link of MUJ website

1. Introduction of the Event

School of Architecture and Design, Manipal University Jaipur organized 'Career conclave: Towards Architecture' scheduled on 14th June, 2022 at 12:00 pm via online mode.

2. Objective of the Event

This conclave focused on guiding the aspiring students to give them the prospectus of Architecture. The experts listed as under and in the poster shared their thoughts on the design career.

3. Beneficiaries of the Event

School students exploring opportunities in design career were benefitted.

4. Details of the Guests

- a) Ar. Prof. Kishor Rewatkar : Dean, Research and Development, P.I.A.D.S Nagpur, Principal Architect, RA design Studio Nagpur

Kishor Rewatkar born 10th Oct 1956, is an architect, educator, presently a Professor & Dean Research at Priyadarshini Institute of Architecture and Design Studies Nagpur; and simultaneously engaged in modest professional practice. He studied Architecture at Vishveshwarya Regional College of Engineering Nagpur and completed his Master in Architecture with distinction in dissertation at I.I.T.Kharagpur (1980)

Along with rich experience in full time teaching over thirty five years, which also includes teaching Masters Courses for four years. Rewatkar is engaged in practice of architecture, interior and landscape design, for more than three decades. He has designed campuses for institutional, health care & hospitality, and amusement. His practice includes private residences, group housing, institutional and administrative buildings, hostels and landscape design.

- b) **Ar. Snageet Sharma: Partner Architect, S.D Sharma & Associates, Chandigarh.**

Sangeet Sharma is a practicing architect in Chandigarh. He is a partner in SD Sharma & Associates, a well-known firm of the region founded by his father Ar. SD Sharma, an eminent Architect. Widely acknowledged and awarded Ar. Sangeet Sharma commands an undisputed international reputation in profession. Having 35 years of experience and Carrying forward the legacy and vocabulary established by his father he is fascinated by geometrical forms. By looking at every drawn line as built spaces he follows a certain rationale to his reflective practice. His buildings are based on sustainable applications. He is a multifaceted personality. He is a poet, Architectural critic, writer, artist and author. He has authored Architecture, Life and Me, published by Rupa and Co., a memoir that takes an all-round view of the profession.

- c) **Ar. Minthila Jadhav: Senior Architect, Public Works Department (PWD), Government of Maharashtra**

She is working as Senior Architect in Public Works Department, Government of Maharashtra, From 2008. She graduated in Bachelor's of Architecture in 2002 from Sir JJ college of Architecture and post graduated in Urban planning from Rachana Sansad in 2017 .She has received Best Architect Award from Government in year 2014. Her work includes planning, designing, licensing, presentations and supervision of Government buildings like Courts, Administrative buildings, College, Hospitals, staff quarters etc.

5. Brief Description of the event

School of Architecture and Design, Manipal University Jaipur organized 'Design conclave: Towards architecture'. The event was conducted on the online platform of Microsoft Teams and was well received. From SA&D, Dr. Madhura Yadav (Dean, Faculty of Design), Prof. Sunanda Kapoor (Head of the Department, SA&D), Ar. Raunak Prasad, Ar. Sidharth Soni, Ar. Akshay Gupta, and Ar. Manish Sharma coordinated the event, which included a brief talk and discussion amongst the panelist, sensitizing the school students about the field of architecture and architecture as a profession. The event began with a welcome note by Dr. Madhura Yadav which also included an overview of the School of Architecture and Design, Manipal University Jaipur

including profile, infrastructure, collaborations and alumni achievements. It was followed by a brief introduction of the panelist by Ar. Antima Kuda. All the esteemed panelists Ar. Prof. Kishor Rewatkar; Ar. Sangeet Sharma; and Ar. Mithila Jadav; shared valuable insights on architecture as a profession. At the last, questions were taken. The event was concluded with a vote of thanks from Ar. Sunanda Kapoor, Head, SA&D, Faculty of Design, MUJ.

6. 3 to 5 photographs of the event or screenshots of the event (if online) with captions

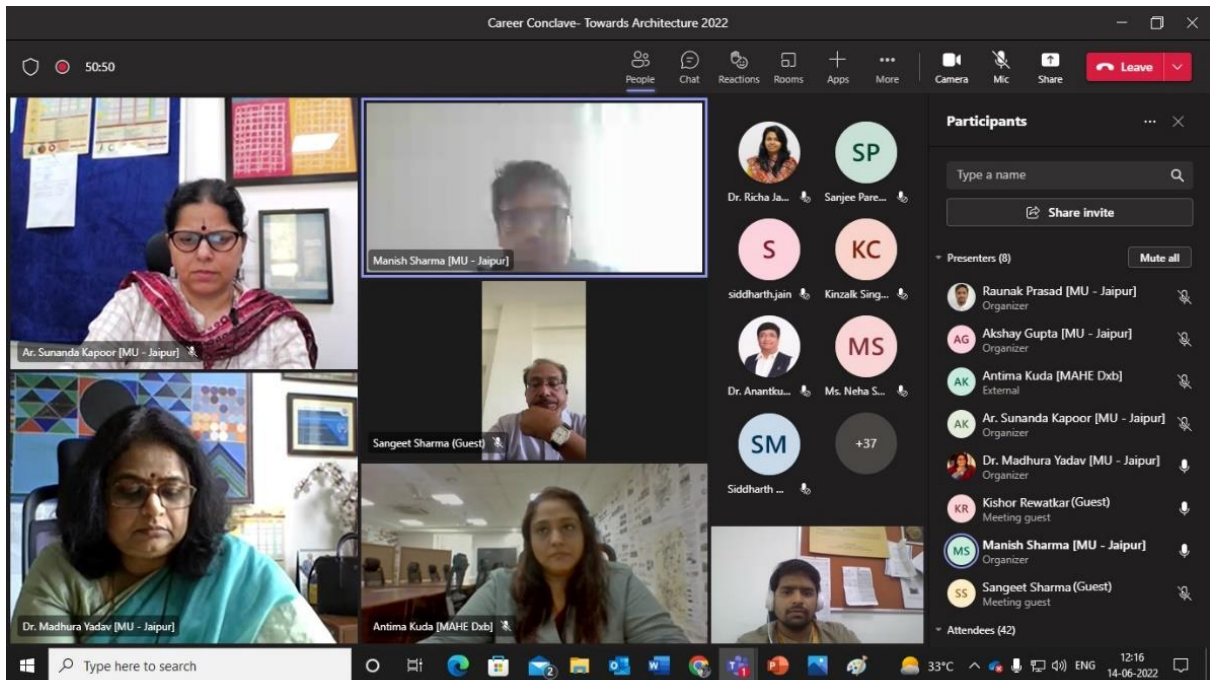


Figure..1 Event getting started by Dr.Manish Sharma

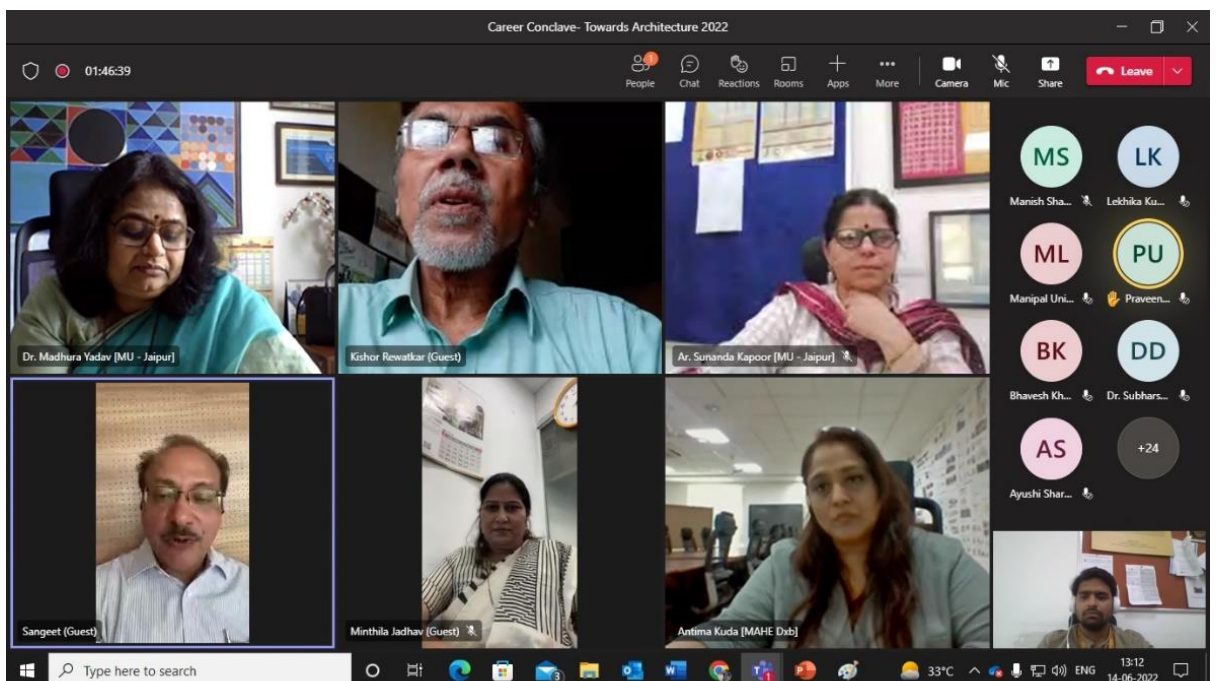


Figure. 2 Progress of career conclave

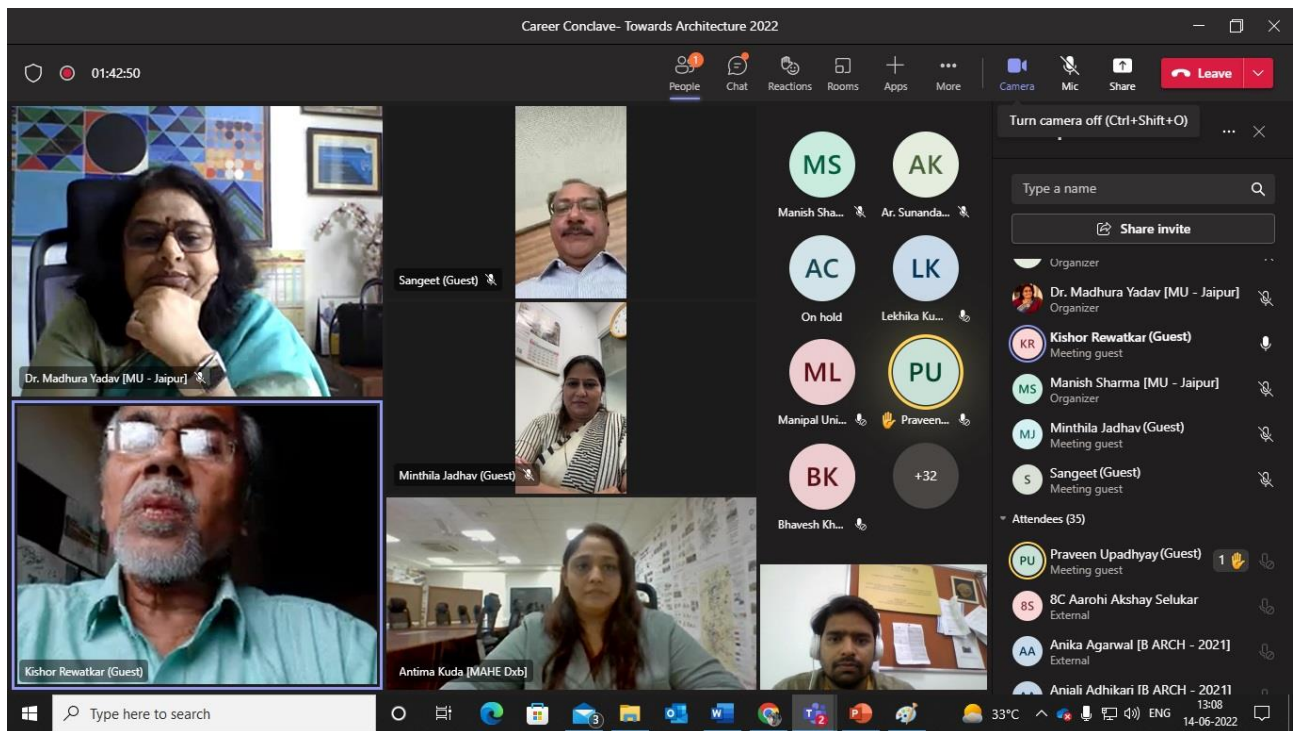


Figure3 Event brief by moderator Ar. Antima Kuda

7. Brochure or creative of the event



**MANIPAL UNIVERSITY
JAIPUR**
(University under Section 2(f) of the UGC Act)



3.28 SCORE

**SCHOOL OF ARCHITECTURE &
DESIGN**

CAREER
CONCLAVE

“TOWARDS
ARCHITECTURE-
2022”

REGISTER HERE-
MODE- ONLINE AND OFFLINE



MODERATOR

IN CONVERSATION WITH



PROF. KISHOR REWATKAR
Dean, R&D, PIADS, Nagpur
Principal Architect, RA Design
Studio, Nagpur



AR. MINTHILA JADHAV
Senior Architect, PWD



AR. SANGEET SHARMA
Partner Architect, SD Sharma
& Associates, Chandigarh



AR. ANTIMA KUDA
Associate Professor, SoDA,
MAHE Dubai

DATE: **14th JUNE 2022**

TIME: **12PM- 1 PM**

8. Schedule of the event

The event was scheduled on 14th June, 2022 at 12:00 pm via online mode.

9. Attendance of the Event

Total attendee- 88

Sl.No.	Name
1.	Sajal panwar
2.	ujjwal gupta
3.	Harsh Singh
4.	Nikhil Sharma
5.	Siddhartha Oberoi
6.	Jahnavi Rai
7.	Karnika
8.	Ayushi Saini
9.	Riya Mudgil
10.	Samir Jamatia
11.	Saksham Gupta
12.	Naresh Manglani
13.	Sahib chagger
14.	Aishmeen Kaur
15.	Riddhi Sorte
16.	Kartik Gehlot
17.	Vaishnavi shukla
18.	Aishwarya singh rathore
19.	Divyesh
20.	Chirag Gurnani

21.	Bhavesh Khemka
22.	MANYA AGRAWAL
23.	Avinash Panchal
24.	Divyanshi bhargava
25.	Samiksha tomar
26.	Mahima jain
27.	Rida khan
28.	Kumkum chaurasiya
29.	Anjali yadav
30.	Kashish sengar
31.	Kasak chauhan
32.	Vaishnavi kushwah
33.	Arshi khan
34.	saloni
35.	Purnima Bhadoriya
36.	Sonam rawat
37.	Vanshika gade
38.	Niyati Rajput
39.	Jyoti Baghel
40.	Nausheen khan
41.	Anju rathore
42.	Pooja Sharma
43.	Riya Kushwah
44.	Tanushka Shrivastava
45.	Kanchan Baghel
46.	Dolly Sharma

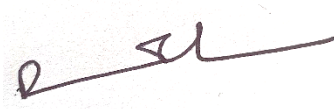
47.	Saloni
48.	Sneha dwivedi
49.	Palak Ahuja
50.	Sneha dwivedi
51.	Sneha dwivedi
52.	Sneha dwivedi
53.	Jiya duseja
54.	Alisha Bano
55.	Shivani chauhan
56.	Tanushka Kushwah
57.	Ria
58.	Muskan ojha
59.	Abhinav Kumar Singh
60.	Anahita
61.	Anika Agarwal
62.	Athena Nair
63.	Gahna soni
64.	Mansi sahu
65.	SurbhiBaghel
66.	Anjali Adhikari
67.	Varsha kushwah
68.	Priyanka verma
69.	Nishtha nakwal
70.	Ishika mishra
71.	Tanisha mishra
72.	Radhika Gosain

73.	Karishma kushwaha
74.	Durgesh sharma
75.	Dolly sharma
76.	Shrashti Dohare
77.	Ayushi Choudhary
78.	Apoorva Goel
79.	Parth dhundhara
80.	Parth
81.	Parth
82.	Anjali
83.	Durgesh Sharma
84.	Esha Jain
85.	Sejal sharma
86.	Divya jain
87.	Quashi bhadkariya
88.	Divyanshi

10. Link of MUJ website stating the event is uploaded on website

<https://jaipur.manipal.edu/content/dam/manipal/muj/fod/Document/eventlist/Event%20Report%20Format%20Career%20Conclave-%202022.pdf>

1. Faculty Coordinator



Ar. Raunak Prasad
Assistant Professor
School of Architecture and Design



Dr. Sunanda Kapoor
Head, SA&D



**MANIPAL UNIVERSITY
JAIPUR**



**MANIPAL UNIVERSITY
JAIPUR**

FACULTY OF ENGINEERING

SAMM

DEPARTMENT OF MECHANICAL ENGG.

'INTERNATIONAL SYMPOSIUM ON DIGITAL ONE HEALTH'

12th -13th December 2022



Content of Report (index)

1. Introduction of the Event
2. Objective of the Event
3. Beneficiaries of the Event
4. Brief Description of the event
5. Photographs
6. Brochure or creative of the event
7. Schedule of the Event
8. Attendance of the Event

1. Introduction of the Event

The symposium is a unique initiative, first of its kind in India. **'One health'** is an integrated approach to prevent, predict, detect, and respond to global health threats, while **'Digital health'** is another important discipline that involves digital care programs and technologies to enhance healthcare delivery and personalized medicine. **'Digital One Health'**, a novel concept will further bring 'One health' and 'Digital health' on a single platform-a much-needed initiative for a sustainable co-existing ecosystem and a better tomorrow. The symposium will bring together distinguished speakers from multiple disciplines of human health, veterinary health, environmental health and digital health from India and abroad.

2. Objective of the Event

- To make students aware about job/internship opportunities in industries.
- **'Digital health'** is another important discipline that involves digital care programs and technologies to enhance healthcare delivery and personalized medicine.
- To create knowledge about Computational Studies/Work in the relevant field.

3. Beneficiaries of the Event

Students of III Year, final year, Second Year and faculty members were beneficiaries of the event.

4. Brief Description of the event

International Symposium on 'Digital One Health' (online mode), organized by *Engineered Biomedical Materials Research and Innovation Centre (EnBioMatRIC)* in the Department of Mechanical Engineering from 12th-13th December 2022. The symposium is a unique initiative, first of its kind in India. **'One health'** is an integrated approach to prevent, predict, detect, and respond to global health threats, while **'Digital health'** is another important discipline that involves digital care programs and technologies to enhance healthcare delivery and personalized medicine. **'Digital One Health'**, a novel concept will further bring 'One health' and 'Digital health' on a single platform-a much-needed initiative for a sustainable co-existing ecosystem and a better tomorrow. The symposium will bring together distinguished speakers from multiple disciplines of human health, veterinary health, environmental health and digital health from India and abroad

5. Photographs

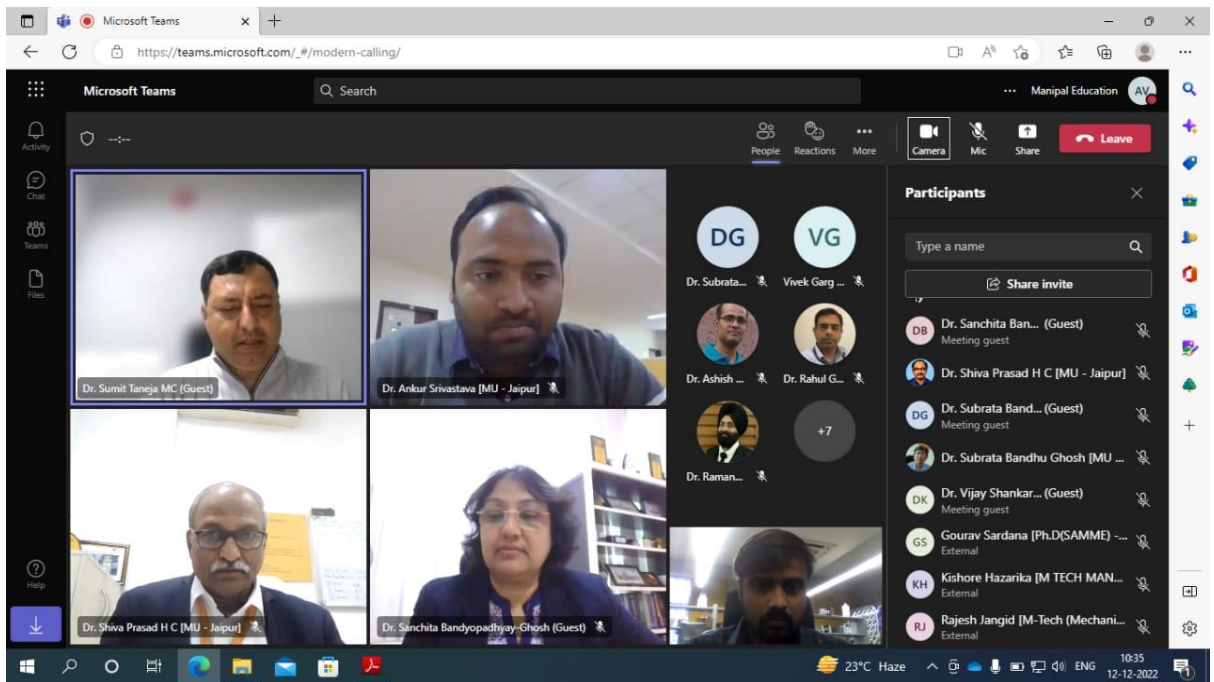


Figure 1 : Discussion during the session

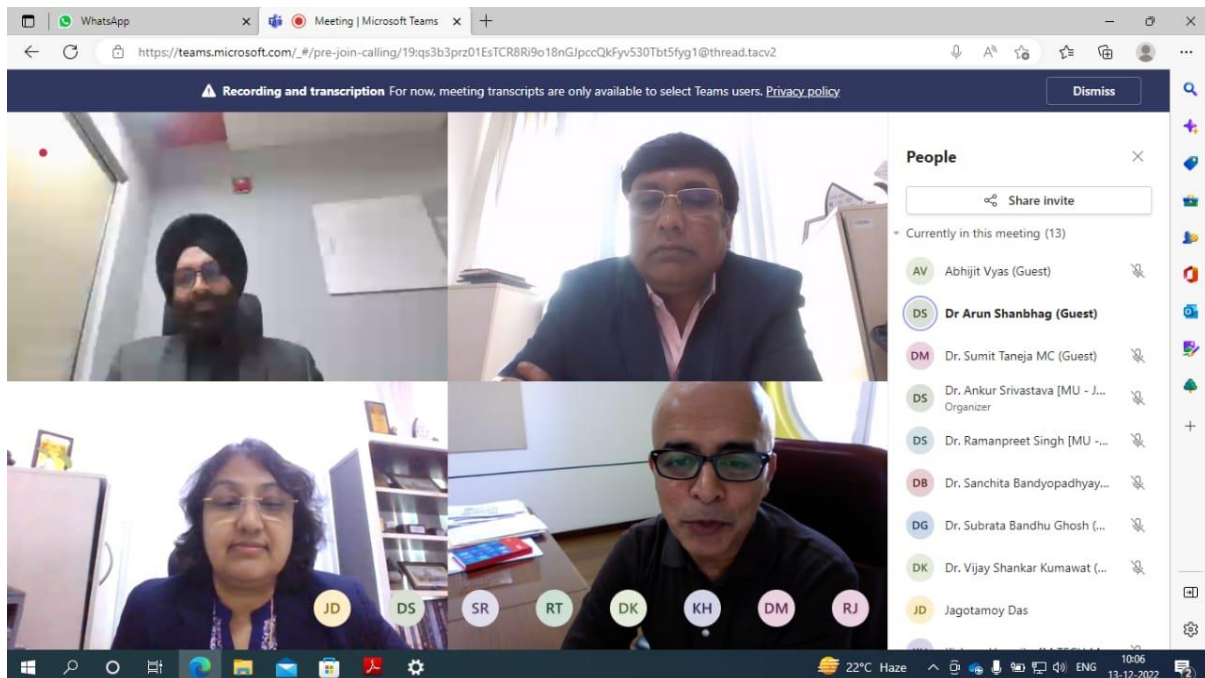


Figure 2 : Discussion during the session

6. Brochure or creative of the event



MANIPAL UNIVERSITY JAIPUR **International Symposium on 'Digital One Health'**
12th –13th December 2022

Distinguished Speakers

- Prof. Sourabh Ghosh**
Chair Professor
IIT Delhi, INDIA
Human Health
(Time 11:00 AM-12:00 Noon, 12th DEC)
- Prof. Arunangshu Chatterjee**
Dean of Digital Transformation
School of Medicine
University of Leeds, UK
Digital Health
(Time 1:30 PM-2:30 PM, 12th DEC)
- Dr. Jagotamoy Das**
Research Assistant Professor
North Western University, USA
Environmental Health
(Time: 10:00 AM- 11:00 AM, 13th DEC)
- Prof. Samit Nandi**
Professor
Dept. of Veterinary Surgery and Radiology
WBUAFS, INDIA
Animal Health
(Time: 11:30 AM – 12:30 PM, 13th DEC)

Organized by
Engineered Biomedical Materials Research and Innovation Centre
(EnBioMatRIC)
Department of Mechanical Engineering
MANIPAL UNIVERSITY JAIPUR

Program Committee
Chief Patron
Prof. S. Vaitheeswaran, Chairperson, MUJ
Patron
Prof. G. K. Prabhu, President, MUJ
Co-patrons
Prof. N. N. Sharma, Pro-president, MUJ
Prof. N. Bhatnagar, Registrar, MUJ
Prof. A. Shanbhag, Dean, FoE, MUJ
Honorary Chair
Prof. S. Prasad HC, Director, SAMM, MUJ
Program Chair
Prof. R. Goyal, HoD (Mech), MUJ
Program Conveners
Prof. S. Bandyopadhyay-Ghosh, MUJ
Prof. S. Bandhu Ghosh, MUJ
Co-conveners
Dr. A. Srivastava, MUJ
Dr. U. Kulshrestha, MUJ
Dr. V. S. Kumawat, MUJ

Online Registration FREE

Registration link: <https://forms.gle/b7HPz2raseLRgq1X8>
Joining Link: <https://msteams.link/G250>

7. Schedule of the event

The event was scheduled on 12th-13th December 2022.

8. Attendance of the Event

Total attendee-34

Sr. No	Name of Institution	Place of Institution	Registration Number/Employee code	Name of Attendee	Name of Dept
1	IIT Delhi	New Delhi	Guest Speaker	Prof. Sourabh Ghosh	Human Health
2	University of Leeds	UK	Guest Speaker	Prof. Arunangshu Chatterjee	School of Medicine
3	North Western University	USA	Guest Speaker	Dr. Jagotamoy Das	Environmental Health
4	WBUAFS	INDIA	Guest Speaker	Prof. Samit Nandi	Dept. of Veterinary Surgery and Radiology
5	MUJ	JAIPUR	MUJ0118	Dr. Ankur Srivastava	MECHANICAL
6	MUJ	JAIPUR	MUJ0037	Dr. Hemant Raj Singh	MECHANICAL
7	MUJ	JAIPUR	MUJ0697	Prof. Ashok Kumar Sharma	MECHANICAL
8	MUJ	JAIPUR		Prof. Subrata Bandhu Ghosh	MECHANICAL
9	MUJ	JAIPUR		Prof. Sanchita Bandhu Ghosh	MECHANICAL
10	MUJ	JAIPUR		Dr. Vijay Shankar Kumawat	MECHANICAL
11	MUJ	JAIPUR	209402065	Garvit Maheshwari	MECHANICAL
12	MUJ	JAIPUR	209402069	Prabhakar Bapurao More	MECHANICAL
13	MUJ	JAIPUR	209402066	Aarav Dodhia	MECHANICAL
14	MUJ	JAIPUR	209402064	Karnik Gupta	MECHANICAL
15	MUJ	JAIPUR	199402047	Shubh Sharma	MECHANICAL
16	MUJ	JAIPUR	199402078	Sidharth Choubey	MECHANICAL
17	MUJ	JAIPUR	199402063	Sarthak Aggarwal	MECHANICAL
18	MUJ	JAIPUR	199402050	Nikhil Kumar	MECHANICAL
19	MUJ	JAIPUR	199402082	Raj Patel	MECHANICAL
20	MUJ	JAIPUR	209402039	Ojas Sharma	MECHANICAL

21	MUJ	JAIPUR	199402055	Aman Tailor	MECHANICAL
22	MUJ	JAIPUR	199402064	Anjan K L	MECHANICAL
23	MUJ	JAIPUR	209402007	Pk Naveen	MECHANICAL
24	MUJ	JAIPUR	199402034	Gopal Sukhwal	MECHANICAL
25	MUJ	JAIPUR	199402070	Tushar Acharya	MECHANICAL
26	MUJ	JAIPUR	199402077	Yugal Irukula	MECHANICAL
27	MUJ	JAIPUR	209402061	Purvansh Sharma	MECHANICAL
28	MUJ	JAIPUR	199402065	Ojasvi Jangir	MECHANICAL
29	MUJ	JAIPUR	209402060	Nitesh Sharma	MECHANICAL
30	MUJ	JAIPUR	199402055	Aman Tailor	MECHANICAL
31	MUJ	JAIPUR	PhD SCHOLAR	Gaurav Sardana	MECHANICAL
32	MUJ	JAIPUR	PhD SCHOLAR	Kishore Hazaraika	MECHANICAL
33	MUJ	JAIPUR	Director, SAMM	Prof. Shiva Prasad H.C	MECHANICAL
34	MUJ	JAIPUR	HoD	Prof. Rahul Goyal	MECHANICAL

Rahul Goyal
30/12/2022



Seal and Signature of Head with date



FACULTY OF ARTS

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF ECONOMICS

THE INDIAN ECONOMIC ASSOCIATION

103rd & 104th Annual Conference

Type of Event: National Conference

4th - 6th January 2022



MANIPAL UNIVERSITY
JAIPUR



THE INDIAN ECONOMIC ASSOCIATION

103rd & 104th Annual Conference

At

MANIPAL UNIVERSITY JAIPUR



4th - 6th January 2022

Monika
Dr. Monika Mathur
Head, Department of Economics
Manipal University Jaipur



MANIPAL UNIVERSITY
JAIPUR

Report on 103rd and 104th Annual Conference of Indian Economic Association



Manipal University Jaipur

School of Humanities & Social Sciences

Department of Economics

&

INDIAN ECONOMIC ASSOCIATION

Presents

**103rd & 104th Annual Conference of Indian Economic
Association**

On

4-6, January 2022

Brief Event Report

Monika
Dr. Monika Mathur
Head, Department of Economics
Manipal University Jaipur



103rd and 104th Annual Conference of Indian Economic Conference was hosted by Department of Economics, School of Humanities & Social Sciences , Manipal University Jaipur on 4th, 5th and 6th January 2022. The delegates from all over the states has participated in the conference. A total of more than 600 people participated in the conference including various eminent speakers: **Shri. Rajendra Singh Yadav, Minister of State for Higher Education, Government of Rajasthan, Prof. Sukhadeo Thorat** Former Chairman, UGC & ICSSR & Chief Editor, IEJ, **Prof. Achyuta Samanta** ,President Indian Economic Association , **N.K. Singh** Chairman, 15th Finance Commission, , **Dr. Devendra Awasthi** Vice President - IEA, **Prof. B. Ramaswamy** Vice President – IEA , **Prof. B.P. Chandramohan** General Secretary- IEA , **Dr. Nagesh Kumar** , Director, Institute for Studies in Industrial Development (ISID), **Prof. K.M. Naidu**, Former Professor of Economics, S.V. University, Tirupati & **Professor G K Prabhu** , President Manipal University Jaipur and various delegates from the different eminent organization of India. The Plenary sessions of the conference were focused on the : **Accelerating Economic Growth: Trends and Way Forward, Sustainable Urbanization, Banking and Financial Sector of New India, Balanced Regional Development and Human Resource Development in the context of New Technological Revolution.** There were 8 plenary sessions. For this conference, Approximately 300 research papers were accepted and approved for the presentation and out of that 70 research papers were presented in offline mode in 18 different technical sessions.

Day 1

The Day 1 of inaugural began by invocation of Goddess Saraswati by dignitaries on the dias.

Welcome address was delivered by **Prof. G.K Prabhu, President**, Manipal University Jaipur. In his welcome address he welcomed all the eminent speakers and delegates of the conference. He also briefed about the legacy of Manipal Group to the audience and informed that Manipal is the Place of Quality.

Professor Sukhadeo Thorat in his lecture mentioned that while framing the policies for one should include “poor” in policy making. They must not feel limited to books only.

Chief Guest, **Shri. Rajendra Singh Yadav**, Minister of State for Higher Education, Government of Rajasthan, in his address said, “education sector should focus on employment based education.” He also focused on that education sector should focus on rural economy requirements.

Prof. Achyuta Samanta, President Indian Economic Association, in his speech said “Covid affected the issues of economy at a great extent.” He felt that economic policies may take a set back of almost a decade. He also said that India must maintain “Aatamnirbhar Bharat.”

Shri N.K Singh Chairman, 15th Finance Commission, in his lecture suggested permanent consultative mechanism should be developed between the centre and states to further strengthen the qualities of competitive federalism and keep at bay competitive populism.He also addressed issues related to “cyber - space”, “crypto-currency”, “crypto-assests”, and “digital payments”.

Presidential address of 103rd conference was delivered by **Dr. Nagesh Kumar, Director**, Institute for Studies in Industrial Development (ISID).



Presidential Address of 104th conference was delivered by **Prof. K.M Naidu, Former Professor of Economics**, S.V University, Tirupati.

Professor N N Sharma , Pro-President congratulated IEA and MUJ for hosting such a conference on sustainable issue. He appreciated the efforts of Manipal Students and its faculty for community development and society.

Dr Nitu Bhatnagar, Registrar, Manipal University Jaipur, delivered vote of thanks for inaugural session of Day-1.

Plenary Sessions Day 1

The plenary session of the conference focused on the relevant themes:

- Accelerating Economic Growth: Trends and Way Forward
- Sustainable Urbanisation
- Banking and Financial Sector for New India
- Balanced Regional Development
- Human Resource Development in the Context of New Technological Revolution

The session was chaired by Prof. B.P Veerabhadrappe, vice Chancellor Kuvembu University, Shiga, Karnataka and the other eminent speakers in the plenary sessions on Day 1 were **N.R Bhanumurthy**, Vice-Chancellor, B.R Ambedkar School of Economics (BASE University) Bengaluru, **Amitabh Kundu** Chairperson of the technical advisory committee on House Start U index at RBI and Committee to Estimate Shortage of Affordable Housing Government of India, **Dr. Laveesh Bhandari**, President of the Indicus Foundation New Delhi, **Prof. V.N Alok** Indian Institute of Public Administration, New Delhi. **Prof. Sudhanshu Bhusan**, Head, Dept. of Professional and Higher Education NUEPA New Delhi.

The session highlighted the crucial themes of how India should have sustainable development, how banking sector promote growth, issue of five trillion economy, the prime minister's vision and human resource development in the context of new technological revolution.

There was also a panel Discussion on *Challenges of Covid-19 Pandemic on the Achievements of SDGs*

The speakers in the panel discussion were **Prof. Nagesh Kumar, Director**, ISID, and Former Director of UNESCAP-SSWA, **Joseph George, Senior Research Associate**, South and South -West Asia Office UNESCAP, **Prof NR Bhanumurthy, Vice-Chancellor**, BASE University, **Prof. Seetha Prabhu**, TISS Mumbai, **Prof. Amitabh Kundu, Chairperson** of the RBI Committee on Housing Start up Index and Committee to Estimate Shortage of Affordable Housing Govt. of India, **Prof. Veena Vidhadharan, Fellow**, CUTS Centre for International Trade, Economics & Environment, Jaipur.

A session on *Shri Chandrababu Naidu Endowment Lecture* was also held on Day 1st.



Prof. Inderjet Singh, Registrar, Punjabi University, Patiala discussed about agro-centric model of Punjab economy. He talked the evils of poor agriculture practice due to lack of knowledge of hygiene associated with the use of insecticides, pesticides and fertilizers which is common in Punjab and is becoming a serious problem and may cause a long-term physical health, psychological and financial problems in the State.

Day 2

Session : Brahmanand Memorial Lecture

This session was chaired by Prof. Ashok Mittal, Vice Chancellor, BRA University and the speakers in the session were **Prof. Vedagiri Shanmugasundaram, Professor of Economics, IASR, Prof. Anil Kumar Taku, Convener IEA Association Conference, Prof. S Mahendra Dev, Vice Chancellor, Indra Gandhi Institute of Development Research, Former President IEA, Professor JBJ Tilak, ICSSR National Fellow & Distinguished Professor, Council for Social Development, New Delhi. Prof C Rangarajan.**

A Session on Vera Anstey Memorial Lecture was also held

Speaker of the session was Sh. Subhash Chandra Garg, Former Economic Affairs & Finance Secretary, Govt. of India, Former Executive Director World Bank. He said that policy changes in 90s led to the rapid economic development in India. While discussing BOUT THE IMPACT OF Covid on economy, Dr. Garg said that Indian GDP recorded negative growth of -7.3% at the end of 2021. Because of 5 trillion dollar economy has become a distant goal and we are facing a very challenging situation. He emphasized on sustainable growth and digital economy for the future.

In another session on Financial Economics **Prof. Manas Paul** from **IMT Ghaziabad**, presented his ideas on topic “Enhancing the effectiveness of Digital transformation”. Technical sessions on six themes were organized parallel at various venues where approximately 100 researchers have presented their papers.

Day 3

A special session on Lessons on Covid1-19: Livelihood Security and Pandemic Management was held and the Chairperson for the session was **Dr Arun Kumar Sharma, Scientist G & Director, ICMR- National Institute for Implementation Research on Non- communicable diseases, Jodpur**

Panelist for the session were **Dr Rahul Sapkal, Assistant Professor, IIT Mumbai, Dr. Yogesh K. Gaurav, Scientist ‘E’, ICMR- NIV, Pune, Maharastra, Dr. Karikalan, Scientist- B & Head, Department of Socio-Behavioural Research, ICMR- National Institute of Research in Tuberculosis, Chennai. Dr. Munvinadi** was the moderator of the session and in his brief overview of the session he explained the ICMR, as one of the oldest medical research councils in the world.

The 103rd and 10th annual conference of IEA concluded on 6th jan 2022. The eminent personalities present on the last of the conference were **Prof. ADN Bajpai** Vice Chancellor , AB Vajpai University, Bilaspur, Chhastigarh. **Dr. Dev Swarup**, Founder Vice Chancellor, Dr BRA Law University, Jaipur. **Prof. R.N Godara** Vice Chancellor, Vardhaman Mahaveer Open University, Kota. **Prof. M.M Goel** Vice Chancellor, Starex University, Gurugam.



Inaugural session of 103rd & 104th IEA conference



Inaugural ceremony: Lighting the lamp

Monika
Dr. Monika Mathur
Head, Department of Economics
Manipal University Jaipur

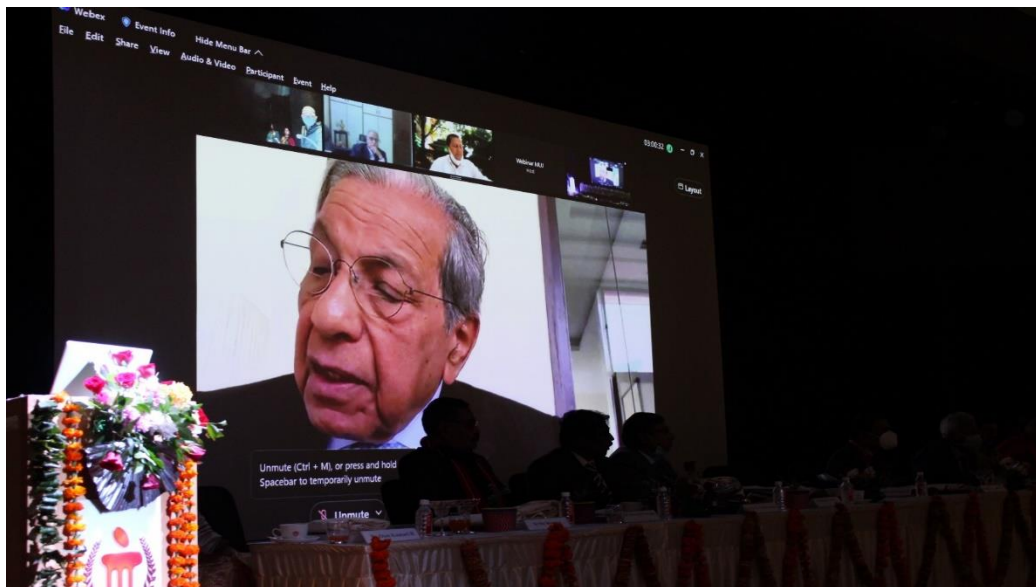


Inaugural session of 103rd & 104th IEA conference : MUJ President's Welcome address



Welcoming Shri Rajendra Singh Yadav, Chief Guest

Monika
Dr. Monika Mathur
Head, Department of Economics
Manipal University Jaipur



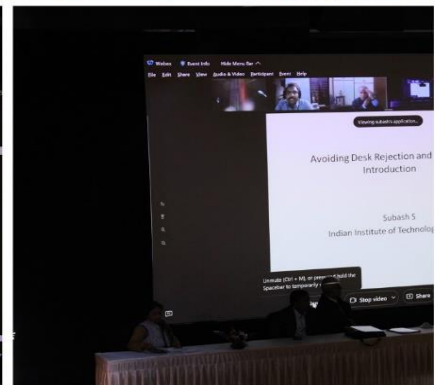
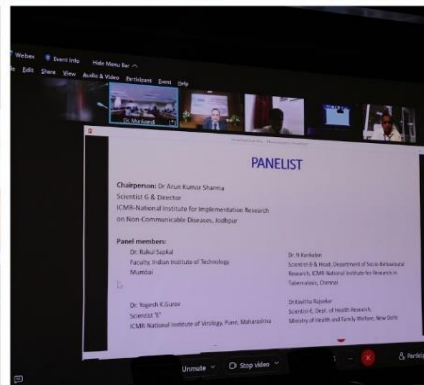
Virtual lecture by Prof N K Singh, Chairman 15th finance commission



Address by Prof A D N Bajpayi

Monika
Dr. Monika Mathur
Head, Department of Economics
Manipal University Jaipur

Glimpses of different session of the Conference



Monika
Dr. Monika Mathur
Head, Department of Economics
Manipal University Jaipur

Members : Plenary Session, Technical Sessions: Panel Discussion

Sl. No	NAME	Department	Email Id	Contact Numbers
1	Dr Bhavna Tripathi	Civil Engineering	bhavna.tripathi@jaipur.manipal.edu	9460383678
2	Dr Manas Roy	Economics	manas.roy@jaipur.manipal.edu	9007259331
3	Dr Bhavna Arya	Psychology	bhavana.arya@jaipur.manipal.edu	
4	Dr Ity Patni	Business Administration	ity.patni@jaipur.manipal.edu	
5	Dr Vineet Kumar	Psychology	vineeth.kumar@jaipur.manipal.edu	
6	Dr Radhika Mohan Gupta	Arts	radhikamohan.gupta@jaipur.manipal.edu	
7	Dr Naseeb Singh	Economics	naseeb.singh@jaipur.manipal.edu	9817917039
8	Dr Veena Dhayal	Chemistry	veena.dhayal@jaipur.manipal.edu	
9	Dr. Rashi Nathawat	Physics	rashi.nathawat@jaipur.manipal.edu	
10	Dr Ashish Goyal	Mechanical Engineering	ashish.goyal@jaipur.manipal.edu	
11	Dr. Deepak Panwar	CSE	deepak.panwar@jaipur.manipal.edu	
12	Ms. Minali Banerjee*	Economics	minali.banerjee@jaipur.manipal.edu	7877378766
13	Dr Vaishali Kapoor*	J&MC	vaishali.kapoor@jaipur.manipal.edu	
14	Dr Aditi Priya*	Arts	aditi.priya@jaipur.manipal.edu	
15	Dr Shilpa Joshi*	Commerce	shilpa.joshi@jaipur.manipal.edu	7597731018

Monika
Dr. Monika Mathur
Head, Department of Economics
Manipal University Jaipur



THE INDIAN ECONOMIC ASSOCIATION

103rd Annual Conference

At

MANIPAL UNIVERSITY JAIPUR



**Plenary Session, Technical
Sessions Panel Discussion**

4th - 6th January 2022

Monika
Dr. Monika Mathur
Head, Department of Economics
Manipal University Jaipur

Plenary Session, Technical Sessions: Panel Discussion



DAY 1

Sl. no	Date	Time	Event	Chair/ Co-Chair/ Rapporteur	Venue	Faculty coordinator MUJ
1	4 th January 2022 (Tuesday)	2.00 – 5.00 p.m.	Plenary Session: Keynote Paper Presentation		TMA PAI Auditorium	Dr Radhika Mohan Gupta
2			Theme:- 1- Accelerating Economic Growth: Trends and Way Forward,			
3			Theme:- II- Sustainable Urbanization			
4			Theme:- III- Banking and Financial Sector for New India			
5			Theme:- IV – Balanced Regional Development			
6			Theme:- V - Human Resource Development in the Context of New Technological Revolution.			
			Rapporteur			
7		5.15 – 6.30 p.m.	Shri Chandrababu Naidu Endowment Lecture			Dr. Rashi Nathawat Dr Naseeb Singh

Monika
Dr. Monika Mathur
Head, Department of Economics
Manipal University Jaipur

Plenary Session, Technical Sessions: Panel Discussion

DAY 2

Sl. no	Date	Time	Event	Chair/ Co-Chair/ Rapporteur	Venue	Faculty coordinator MUJ
1	5th January 2022 (Wednesday)	9.30 – 10.45 a.m.	Brahmanand Memorial Lecture		TMA PAI Auditorium	Dr Bhavna Arya Ms. Minali Banerjee Dr Aditi Priya
2		11.00 – 12.15 noon	Vera Anstey Memorial Lecture			
3		12.15 – 1.30 p.m.	NSE-IEA Lecture Series on Financial Economics	Chair - NSE		
Technical Sessions - Full Paper Parallel						
4	5th January 2022 (Wednesday)	2.15 – 5.00 p.m.	Theme: – 1A (1 to 4) Accelerating Economic Growth: Trends and Way Forward		AB II Ground Floor 001	Ms. Minali Banerjee
5			Theme:- 1B (5 to 8) Accelerating Economic Growth: Trends and Way Forward		AB II Ground Floor 001	
6			Theme:- II Sustainable Urbanization		AB II Ground Floor 024	Dr Vaishali Kapoor
7			Theme:- III- Banking and Financial Sector for New India		AB II Ground Floor 026	Dr Aditi Priya
8			Theme:- IV - Balanced Regional Development		AB II Ground Floor 027	Dr Shilpa Joshi
9			Theme:- V -Human Resource Development in the Context of New Technological Revolution		AB II Ground Floor 029	Dr Ashish Goyal
10			Theme:- VI – Special Session on Rajasthan Economy		AB II Ground Floor 030	Dr. Deepak Panwar

Contd.....

Plenary Session, Technical Sessions: Panel Discussion

DAY 2

Sl. no	Date	Time	Event	Chair/ Co-Chair/ Rapporteur	Venue	Faculty coordinator MUJ
Technical Sessions: Abstract Papers – Parallel						
11	5th January 2022 (Wednesday)	2.15 – 5.00 p.m.	Theme: – I Accelerating Economic Growth: Trends and Way Forward		AB II First Floor 101	Dr Bhavna Arya
12			Theme:- II Sustainable Urbanization		AB II First Floor 102	Dr Ity Patni
13			Theme:- III- Banking and Financial Sector for New India		AB II First Floor 104	Dr Vineet Kumar
14			Theme:- IV Balanced Regional Development		AB II First Floor 130	Dr Naseeb Singh
15			Theme:-V Human Resource Development in the Context of New Technological Revolution		AB II First Floor 131	Dr Veena Dhayal
16			Special Session on Rajasthan Economy		AB II First Floor 132	Dr Radhika Mohan Gupta
17		5.15 – 7.00 pm	Panel Discussion - I Revival of Indian Economy aftermath of the Covid-19		TMA PAI Auditorium	Dr. Rashi Nathawat Dr Naseeb Singh

Monika Mathur
Dr. Monika Mathur
Head, Department of Economics
Manipal University Jaipur

DAY 3

Sl. no	Date	Time	Event	Chair/ Co-Chair/ Rapporteur	Venue	Faculty coordinator MUJ
1	6th January 2022 (Thursday)	9.30 – 11.00 a.m.	Panel Discussion - II Lessons on Covid-19: Livelihood Security and Pandemic Management (Jointly with ICMR-NIRT Govt. of India)		TMA PAI Auditorium	Dr Radhika Mohan Gupta Ms. Minali Banerjee Dr Ity Patni
2		11.00 am- 12.30 noon	Panel Discussion - III Challenges of Covid-19 Pandemic on the Achievement of SDGs UNESCAP Sponsored Panel Discussion			Dr Bhavna Arya Dr Vineet Kumar Dr Ity Patni
3		12.30 – 1.30 PM	Group Discussion IEJ to the Benefit of IEA Members		TMA PAI Auditorium	Dr Ity Patni
		Introductory Address				
		Analysis of the Submission of papers in IEJ				
		Desk rejection and writing Introduction				
		Features of Successful Papers				
		Promoting Submission of IEA Members				
		Question& Answer				

Contd.....

Monika
Dr. Monika Mathur
Head, Department of Economics
Manipal University Jaipur

DAY 3

Sl. no	Date	Time	Event	Chair/ Co-Chair/ Rapporteur	Venue	Faculty coordinator MUJ
Technical Sessions: Full Papers – Parallel						
4	6th January 2022 (Thursday)	2.30 – 3.30 p.m.	Theme: – I Accelerating Economic Growth: Trends and Way Forward		AB II Ground Floor 001	Dr Ashish Goyal
5			Theme:- II Sustainable Urbanization		AB II Ground Floor 0024	Dr. Deepak Panwar
6			Theme:- III- Banking and Financial Sector for New India		AB II Ground Floor 026	Dr Vineet Kumar
7			Theme:- IV Balanced Regional Development		AB II Ground Floor 027	Dr Naseeb Singh
8			Theme:-V Human Resource Development in the Context of New Technological Revolution		AB II Ground Floor 029	Dr Veena Dhayal
9			Special Session on Rajasthan Economy		AB II Ground Floor 030	Dr. Rashi Nathawat Dr Naseeb Singh

Monika
Dr. Monika Mathur
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Manipal University Jaipur

Website Link: <https://jaipur.manipal.edu/muj/news-events/news-list/103rd-annual-conference-of-indian-economic-association.html>



**MANIPAL UNIVERSITY
JAIPUR**



**MANIPAL UNIVERSITY
JAIPUR**

FACULTY OF SCIENCE

SCHOOL OF BASIC SCIENCES

DEPARTMENT OF PHYSICS

NAME OF EVENT: Innovative Project Ideas by Young Minds

Date of Event (24/02/2022)



Content of Report

1. Introduction of the Event
2. Objective of the Event
3. Beneficiaries of the Event
4. Details of the Guests
5. Brief Description of the event
6. Photographs
7. Brochure or creative of the event
8. Schedule of the Event
9. Attendance of the Event

1. Introduction of the Event

Innovative Project Ideas by Young Minds: National Science Day 2022

2. Objective of the Event

The National Science Day themed upon 'Integrated Approach in S & T for Sustainable Future' to commemorate the Nobel Prize winning discovery 'Raman Effect' by Sir C V Raman, was celebrated online at Manipal University Jaipur (MUJ) on February 28, 2022. As an integral part of the event, the project ideas were invited on the theme of the national science day by school students. The main objective of the event was to inculcate the idea of creative thinking in younger students in the areas of science and technology.

3. Beneficiaries of the Event

School Students

4. Details of the Guests

Prof. Ashutosh Sharma

Former Secretary, Govt. of India, Department of Science and Technology, Institute Chair
Professor IIT Kanpur

5. Brief Description of the event

The National Science Day themed upon 'Integrated Approach in S & T for Sustainable Future' to commemorate the Nobel Prize winning discovery 'Raman Effect' by Sir C V Raman, was celebrated online at Manipal University Jaipur (MUJ) on February 28, 2022. The program began with Saraswati Vandana. Prof. Lalita Ledwani, Dean, Faculty of Science, welcomed all the guests and attendees. Registrar, Dr. Nitu Bhatnagar threw light upon the excellence being created by the Manipal University Jaipur. Pro-President, Prof. N. N. Sharma shared his views on importance of science. Prof G. K. Prabhu, President said that apart from celebration, we must put all efforts to attract younger minds to the field of science. Government is putting lots of interest in basic sciences and Manipal University Jaipur is also putting tremendous efforts to the same cause. The chief guest of the function Prof. Ashutosh Sharma Former Secretary, Govt. of India, Department of Science and Technology, Institute Chair Professor IITK Coordinator, DST Unit on Nanoscience & Center for Environmental Science and Engineering began his talk by giving some of the notable achievements of Indian scientists like C V Rama, J. C. Bose and Meghnad Saha etc. All of them concisely focused on generation of new knowledge and its dissemination to the society. Talking about the theme of the national science day, Prof. Sharma emphasized upon use of lateral thinking, creativity and common sense in solving problems. He gave the examples of discovery of graphene and atomic force microscopy.



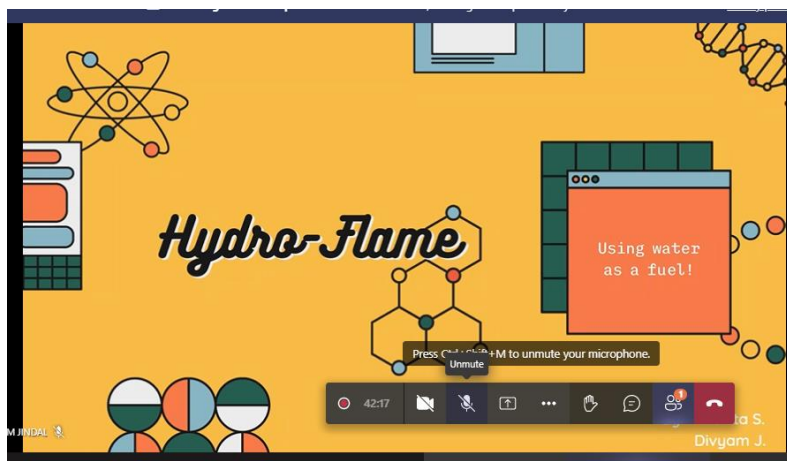
He also elaborated various areas of science and technology where India is lagging. He concluded his talk with saying ‘Future is convergence’ and science and technology is essentially required for the future growth.

To celebrate this great event in more jovial way, various competitions like e-poster, online science quizzes and innovative project ideas by young minds etc. were also conducted for students of different schools and winners were felicitated during the event. Dr. Ashim Bagaria, the convener of the program told the more than 350 participants registered for various activities from across the country. Vote of thanks was presented by Dr. Devershi Pallavi Bhatt, second convener of National Science Day program.

Photographs of the event or screenshots of the event (if online) with captions



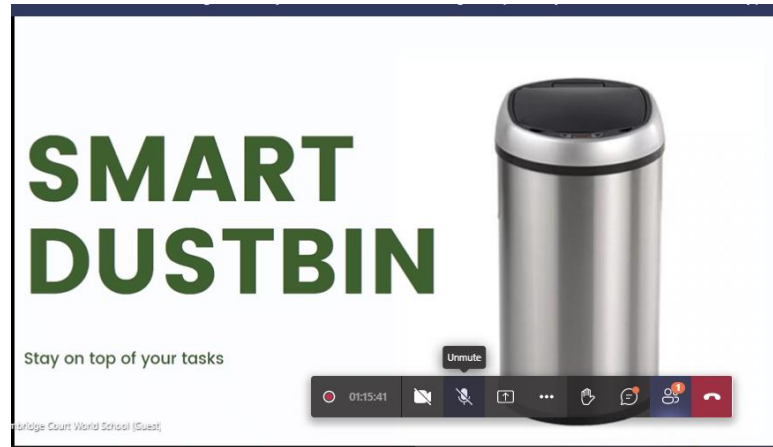
National Science Day celebration



Project Idea Presentation by the students



Project Idea Presentation by the students



Project Idea Presentation by the students

6. Brochure or creative of the event



MANIPAL UNIVERSITY
JAIPUR

MUJ

School of Basic Sciences
Faculty of Science

Invites you for

NATIONAL SCIENCE DAY 2022

Theme: Integrated Approach in S&T for Sustainable Future

Virtual celebration on

FEBRUARY 28, 2022
9:30 AM - 11:30 AM

Chief Guest

Prof. Ashutosh Sharma
Institute Chair Professor IITK,
Coordinator DST Unit on Nanoscience &
Center for Environmental Science and Engineering

Registration link:
<https://docs.google.com/forms/d/1r1FAIpQL5dQ41w-6P-aK806s4471PhqK0DPzRBLYzd4EApeM1gtrEgo3Q/viewform>

Activities during NSD 2022:

February 24, 2022

- Innovative Project Ideas by Young Minds
- E-Poster Competition

February 25, 2022

- Online Quiz Competition

Registration Open

Last Date of Entry Submission: February 23, 2022

For more details please visit:
<https://jaipur.manipal.edu/muj/news-events/events-list.html>

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Innovative Projects Ideas by Young Minds

& E-Poster Competition

February 24, 2022

An Inter Collegiate competition

For More Information Contact:
Faculty Coordinator:
Dr. Kamakhya P. Misra
kamakhyaprakash.misra@jaipur.manipal.edu

Free Registration

7. Schedule of the event

Innovative Project Ideas by Young Minds February 24, 2022	
Time	Speaker/event
2:30 pm to 2:35 pm	Introduction to the event
2:35 pm to 5:30 pm	Presentation of project ideas

8. Attendance of the Event

Total attendee-78.

S. No.	Name	School/college	Class
1.	Shradul Kaushik	Bal Bharati Public School	IX
2.	Aarth Singal	Bal Bharati Public School Pitampura	VIII (8)
3.	Prerit Roshan	Bal Bharati public school pitampura	IX
4.	Saksham Garg	Bal Bharati Public School Pitampura	IX (9)

5.	Soham Gupta	Bal Bharati Public School Pitampura	IX
6.	Vanshika Kataria	Veda Vyasa DAV Public School	IX
7.	NIHARIKA BISHT	Veda Vyasa D.A.V. Public School, Vikaspuri, New Delhi	X
8.	Abdul Baasith	Clarence High school	XI
9.	Anandita Singh	Veda Vyasa D.A.V Public School	7ty
10.	Parnika Agarwal	Bombay Scottish School	X
11.	Unnati Mehta	Veda Vyasa DAV Public School	VII
12.	UDIT BHATT	DEHLI PUBLIC SCHOOL GANDHINAGAR	3
13.	Umme Salma M	St. Paul's English School	IX, X, XI & XII
14.	Arjav Jain	Bal Bharati Public School Pitampura	X
15.	Sanvi Chopra	Bal Bharati Public School Pitampura Delhi	IX
16.	Shriman Singh	Balbharati public school pitampura rohini	VII
17.	Harnoor Singh Bindra	VV DAV Public School	X-F (10th - F)
18.	Armaan wadhera	Bal bharati public school pitampura	X
19.	Roshni Ramaratnam	Bombay Scottish School, Powai	IX
20.	Sonia saini	School	7th
21.	Siddhi Gupta	V.V D.A.V. Public School	VII
22.	Suthir R	CS Academy	VI
23.	Anushree Trivedi	Delhi public school jagdalpur	8
24.	Anshika Trivedi	Delhi public school jagdalpur	3
25.	Uday Mudgal	MAPSAV	V
26.	ABHAY MUDGAL	MAHARAJA AGARSAIN PUBLIC SCHOOL	V
27.	Sanvi Chopra	Bal Bharati Public School Pitampura Delhi	IX
28.	Kanishak	VVDAV PUBLIC SCHOOL VIKASPURI DELHI	VII

29.	Kanishka	VVDAV PUBLIC SCHOOL VIKASPURI DELHI	VII
30.	BRINNA PANCY B	CLARENCE HIGH SCHOOL	8C
31.	Thanesha Mehra	Bal Bharati Public School	XI -C
32.	Aaditya jindal	Bal bharti public school pitampura	X
33.	Samarth Kambiri	Bal bharti public school	VI
34.	H	H	X
35.	Sparsh Kumar	Sunbeam School Sultanpur	IX
36.	Diya Shastri	Delhi Public school, Gandhinagar	III
37.	Adwait Oaj	Delhi Public School Patna	VIII
38.	Khushi Agnihotri	VED VYAS DAV PUBLIC SCHOOL	VII
39.	Malhar Nareshbhai Barad	Delhi public school gandhinagar	3H
40.	Atraiu Sinha	Bombay Scottish School , Powai .	X
41.	Chahat	Ved Vyas DAV public school	VII
42.	Suryanshi Garg	Veda Vyasa D.A.V. Public School,Vikaspuri	7th
43.	Earthian Prithviwasi	Veda Vyasa DAV Public School	Xth
44.	Prabir Kishan	Delhi Public School, Patna	VI
45.	AARNA GAJJAR	DPS GANDHINAGAR	IV
46.	Vraj Thakur	DPS Gandhinagar	2
47.	Swetha S	DAV GIRLS SENIOR SECONDARY SCHOOL	VIII
48.	Dhikkshita S	DAV Girls Senior Secondary School, Gopalapuram	VIII
49.	Rab kumar	Maharaja agarsain public school	V
50.	Krishiv Uniyal	Bal Bharati Public School, Rohini	7
51.	V. AISHWARYAA THANGAM	D.A.V GIRLS SENIOR SECONDARY SCHOOL GOPALAPURAPURAM	VIII
52.	Joshini.p.b	DAV girls senior secondary school gopalapuram	VII

53.	Aarth Singal	Bal Bharati Public School Pitampura	VIII
54.	D.Sri Vaineeeki	D.A.V Girls Senior secondary school	7
55.	Dinakar Muthyala	Manipal University Jaipur	UG-2nd
56.	Arnav Jain	Manipal University Jaipur	3rd Year, B.Tech
57.	Saira Chaudhary	Bal Bharati Public School	X
58.	Ayush Prajapati	Manipal University Jaipur	BTech 2nd Year Computer and Communication Engg.
59.	Avantika.A	DAV Girls Senior Secondary School	VII
60.	Shriyanshi Srivastava	Manipal University Jaipur	1st year B.Tech CSE
61.	Sourabh Kumar	Manipal University Jaipur	Btech Ist Year
62.	Nikshit Goyal	Ajit Karam Singh International Public School, Sector 41, Chandigarh	IX
63.	Harnoor Singh Bindra	VV DAV Public School	X
64.	T.ABIRAMI	D.A.V Girls Senior Secondary School	VIII
65.	Divyam Jindal	Mayoor School Noida	X
66.	Akshita Srivastava	Mayoor School Noida	X
67.	K Srimayi	D.A.V. Girls Senior Secondary School	VIII
68.	VEVAN DUA	Maharaja agrasain public school	V
69.	PARTH SAXENA	INDRAPRASTHA INTERNATIONAL SCHOOL ,DWARKA	XI
70.	Pawanpreet Singh	Caledonian International School	XI(11)
71.	Daksh Negi	Cambridge Court World School	XI
72.	Rashi Rajak	Delhi Public school Jagdalpur	12
73.	Shivani Govindhan	D.A.V Girls Senior Secondary School	VIII
74.	Kamali kannan	CS Academy	vi
75.	Adeetya Kakkarr	Bal Bharati Public School, Rohini	IX
76.	Inshirah Rizwan Khan	DAV Girls Senior Secondary School, Gopalapuram	VIII



77.	Daksh Negi	Cambridge Court World School	XI
78.	Bhawansh Pandita	Caledonian international school	VII

Signature of HOD



**MANIPAL UNIVERSITY
JAIPUR**



**MANIPAL UNIVERSITY
JAIPUR**

FACULTY OF ENGINEERING

SAMM

DEPARTMENT OF MECHANICAL ENGG.

'INTERNATIONAL SYMPOSIUM ON DIGITAL ONE HEALTH'

12th -13th December 2022



Content of Report (index)

1. Introduction of the Event
2. Objective of the Event
3. Beneficiaries of the Event
4. Brief Description of the event
5. Photographs
6. Brochure or creative of the event
7. Schedule of the Event
8. Attendance of the Event

1. Introduction of the Event

The symposium is a unique initiative, first of its kind in India. **‘One health’** is an integrated approach to prevent, predict, detect, and respond to global health threats, while **‘Digital health’** is another important discipline that involves digital care programs and technologies to enhance healthcare delivery and personalized medicine. **‘Digital One Health’**, a novel concept will further bring ‘One health’ and ‘Digital health’ on a single platform-a much-needed initiative for a sustainable co-existing ecosystem and a better tomorrow. The symposium will bring together distinguished speakers from multiple disciplines of human health, veterinary health, environmental health and digital health from India and abroad.

2. Objective of the Event

- To make students aware about job/internship opportunities in industries.
- **‘Digital health’** is another important discipline that involves digital care programs and technologies to enhance healthcare delivery and personalized medicine.
- To create knowledge about Computational Studies/Work in the relevant field.

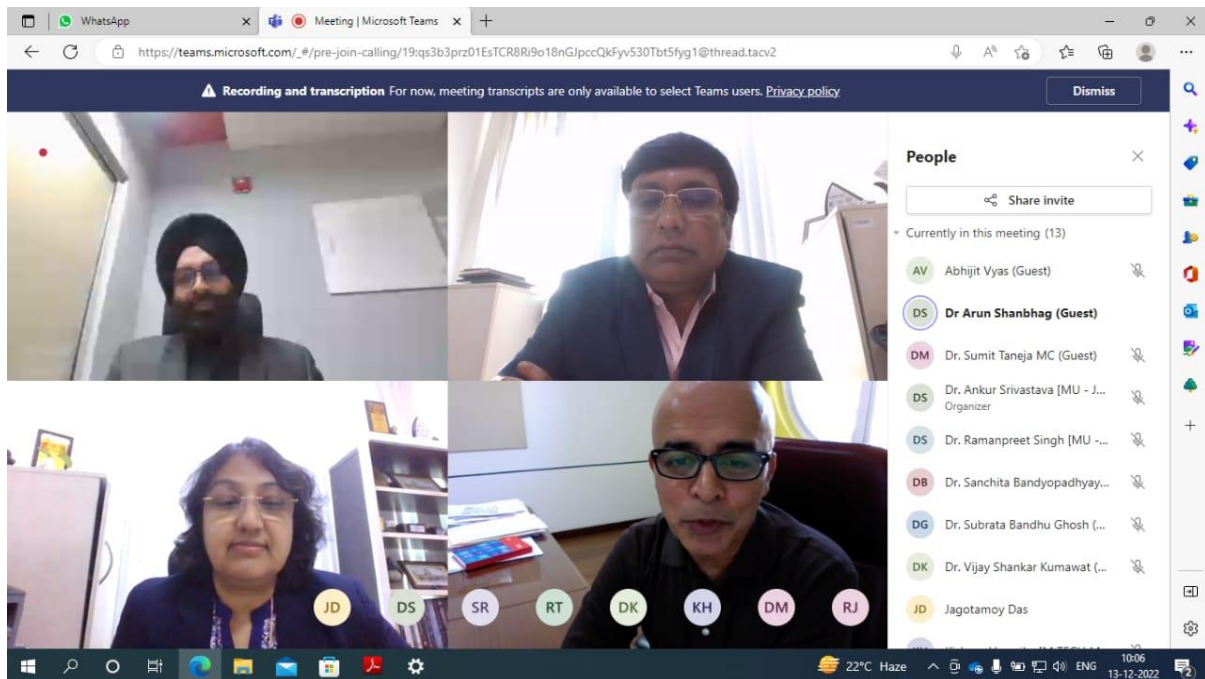
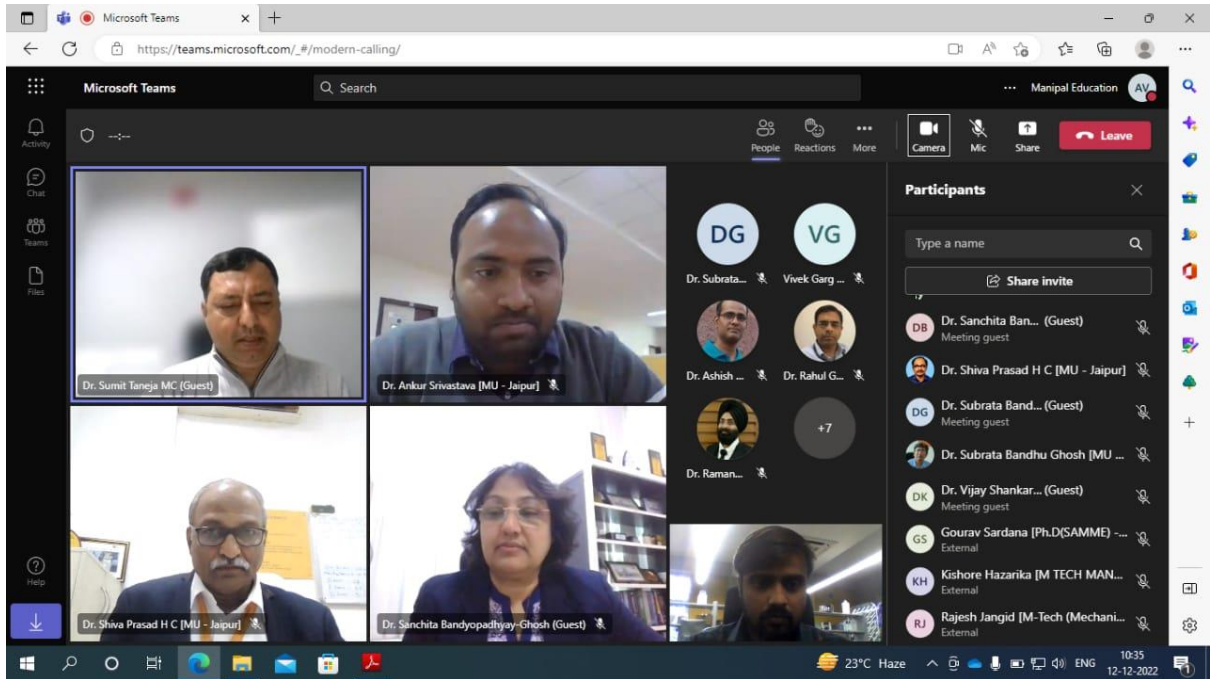
3. Beneficiaries of the Event

Students of III Year, final year, Second Year and faculty members were beneficiaries of the event.

4. Brief Description of the event (about 200 words)

International Symposium on ‘Digital One Health’ (online mode), organized by *Engineered Biomedical Materials Research and Innovation Centre (EnBioMatRIC)* in the Department of Mechanical Engineering from 12th-13th December 2022. The symposium is a unique initiative, first of its kind in India. **‘One health’** is an integrated approach to prevent, predict, detect, and respond to global health threats, while **‘Digital health’** is another important discipline that involves digital care programs and technologies to enhance healthcare delivery and personalized medicine. **‘Digital One Health’**, a novel concept will further bring ‘One health’ and ‘Digital health’ on a single platform-a much-needed initiative for a sustainable co-existing ecosystem and a better tomorrow. The symposium will bring together distinguished speakers from multiple disciplines of human health, veterinary health, environmental health and digital health from India and abroad

5. Photographs



6. Brochure or creative of the event



MANIPAL UNIVERSITY JAIPUR **International Symposium on 'Digital One Health'**
12th –13th December 2022

Distinguished Speakers

- Prof. Sourabh Ghosh**
Chair Professor
IIT Delhi, INDIA
Human Health
(Time 11:00 AM-12:00 Noon , 12th DEC)
- Prof. Arunangshu Chatterjee**
Dean of Digital Transformation
School of Medicine
University of Leeds, UK
Digital Health
(Time 1:30 PM-2:30 PM, 12th DEC)
- Dr. Jagotamoy Das**
Research Assistant Professor
North Western University, USA
Environmental Health
(Time: 10:00 AM- 11:00 AM, 13th DEC)
- Prof. Samit Nandi**
Professor
Dept. of Veterinary Surgery and Radiology
WBUAFS, INDIA
Animal Health
(Time: 11:30 AM - 12:30 PM, 13th DEC)

Organized by
Engineered Biomedical Materials Research and Innovation Centre
(EnBioMatRIC)
Department of Mechanical Engineering
MANIPAL UNIVERSITY JAIPUR

Program Committee
Chief Patron
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Prof. N. Bhatnagar, Registrar, MUJ
Prof. A. Shanbhag, Dean, FoE, MUJ
Honorary Chair
Prof. S. Prasad HC, Director, SAMM, MUJ
Program Chair
Prof. R. Goyal, HoD (Mech), MUJ
Program Conveners
Prof. S. Bandyopadhyay-Ghosh, MUJ
Prof. S. Bandhu Ghosh, MUJ
Co-conveners
Dr. A. Srivastava, MUJ
Dr. U. Kulshrestha, MUJ
Dr. V. S. Kumawat, MUJ

ONE HEALTH

HUMAN HEALTH
resilience & adaptation
individual & community well-being

ANIMAL HEALTH
sustainable food safety & sustainability
zoonotic, healthy, wildlife populations

ENVIRONMENTAL HEALTH
safe air, water, plant-based food, shelter, sanitation

Online Registration FREE

Registration link: <https://forms.gle/b7HPz2raseLRgq1X8>
Joining Link: <https://msteams.link/G250>

7. Schedule of the event

The event was scheduled on 12th-13th December 2022.

8. Attendance of the Event

Total attendee-30

Sr. No	Name of Institution	Place of Institution	Registration Number/Employee code	Name of Attendee	Name of Dept
1	MUJ	JAIPUR	MUJ0118	Dr. Ankur Srivastava	MECHANICAL
2	MUJ	JAIPUR	MUJ0037	Dr. Hemant Raj Singh	MECHANICAL
3	MUJ	JAIPUR	MUJ0697	Prof. Ashok Kumar Sharma	MECHANICAL
4	MUJ	JAIPUR		Prof. Subrata Bandhu Ghosh	MECHANICAL
5	MUJ	JAIPUR		Prof. Sanchita Bandhu Ghosh	MECHANICAL
6	MUJ	JAIPUR		Dr. Vijay Shankar Kumawat	MECHANICAL
4	MUJ	JAIPUR	209402065	Garvit Maheshwari	MECHANICAL
5	MUJ	JAIPUR	209402069	Prabhakar Bapurao More	MECHANICAL
6	MUJ	JAIPUR	209402066	Aarav Dodhia	MECHANICAL
7	MUJ	JAIPUR	209402064	Karnik Gupta	MECHANICAL
8	MUJ	JAIPUR	199402047	Shubh Sharma	MECHANICAL
9	MUJ	JAIPUR	199402078	Sidharth Choubey	MECHANICAL
10	MUJ	JAIPUR	199402063	Sarthak Aggarwal	MECHANICAL
11	MUJ	JAIPUR	199402050	Nikhil Kumar	MECHANICAL
12	MUJ	JAIPUR	199402082	Raj Patel	MECHANICAL
13	MUJ	JAIPUR	209402039	Ojas Sharma	MECHANICAL
14	MUJ	JAIPUR	199402055	Aman Tailor	MECHANICAL
15	MUJ	JAIPUR	199402064	Anjan K L	MECHANICAL
16	MUJ	JAIPUR	209402007	Pk Naveen	MECHANICAL

17	MUJ	JAIPUR	199402034	Gopal Sukhwal	MECHANICAL
18	MUJ	JAIPUR	199402070	Tushar Acharya	MECHANICAL
19	MUJ	JAIPUR	199402077	Yugal Irukula	MECHANICAL
20	MUJ	JAIPUR	209402061	Purvansh Sharma	MECHANICAL
21	MUJ	JAIPUR	199402065	Ojasvi Jangir	MECHANICAL
22	MUJ	JAIPUR	209402060	Nitesh Sharma	MECHANICAL
23	MUJ	JAIPUR	199402055	Aman Tailor	MECHANICAL
24	MUJ	JAIPUR	PhD SCHOLAR	Gaurav Sardana	MECHANICAL
25	MUJ	JAIPUR	PhD SCHOLAR	Kishore Hazaraika	MECHANICAL
26					
27					
28					
29					
30					

Seal and Signature of Head with date



MUJ/Q&C/FoMC/SHTM/2022/Workshop - Millets



**MANIPAL UNIVERSITY
JAIPUR**

FACULTY OF MANAGEMENT & COMMERCE

SCHOOL OF HOSPITALITY AND TOURISM MANAGEMENT

in collaboration with



**HUMANE SOCIETY
INTERNATIONAL**
INDIA

has organized

a 2-days

Plant Based Workshop

MILLETS AN EMBELLISHING SOURCE OF PLANT-BASED NUTRITION

**on the occasion of
INTERNATIONAL YEAR OF MILLETS**

10th & 11th May 2022

(10:00 – 13:00)





Content of Report

1. Introduction of the Event
2. Objective of the Event
3. Details of the Guests
4. Brief Description of the event
5. Photographs
6. Brochure or creative of the event
7. Schedule of the Event
8. Attendance of the Event
9. Feedback of the Event
10. Correspondence Letter and Certificates

1. Introduction

Humane Society International/India is a non-profit organization working for the protection of all animals - farm animals, animals in laboratories, wild animals, and companion animals - through advocacy, education, and hands-on programs. Globally, HSI has worked with over 500 institutions to develop, adopt, and implement animal welfare policies in their supply chains. The institution conducts plant-based awareness programs in schools and colleges across the Indian sub-continent, calling for more sustainable and humane consumption patterns.

Millets are the cereal grasses and are used as cereal crops and grains for human and animal consumption. The awareness about the goodness of millets are not much known to the people.

2. Objective of the Event

The areas of addressing via plant-based culinary workshop cum training webinar session will be-

1. The significance of plant-based industry for culinary and hospitality students & staff.
2. Animal welfare and HSI/India farm animal as well as plant-based policy work.
3. Plant-based diet patterns and millets an embellishing source of nutrition.



4. Innovation and development skill requisition for culinary and hospitality academic students.
5. Assignment at the end of day 1 to assess learning outcome and prior understanding for training session on the day 2.
6. Plant-based recipe execution and food culture training.
7. Q&A for brainstorming participants and resorting their queries with burgeoning plant nutrition industry.

3. Details of the Guests

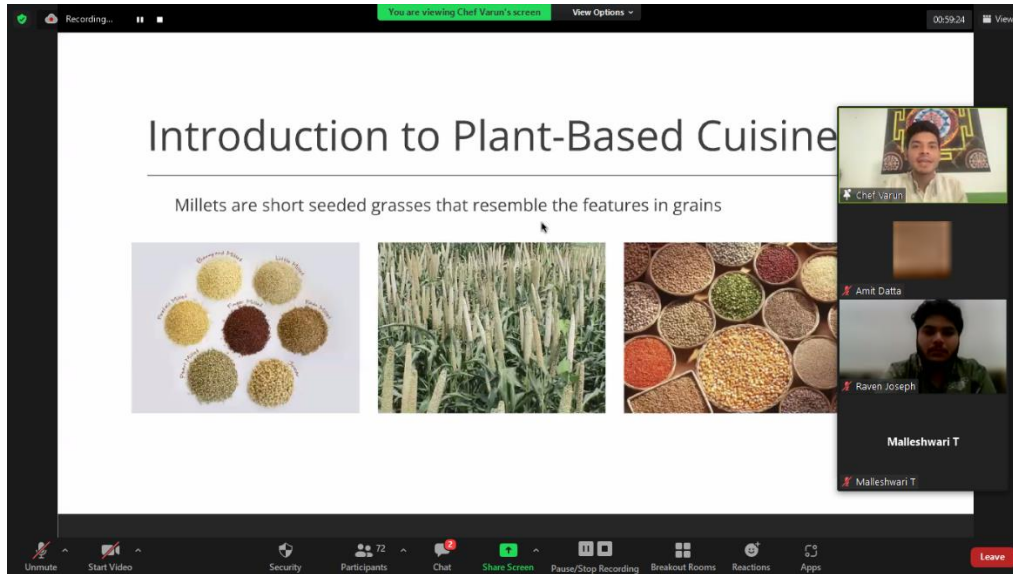
- a) Mr. **Raven Edward Joseph**, Institutional Meat Reduction Campaigner, Eat Kind India Campaign. HSI-India. (E): rjoseph@hsi.org, P- 902-474-8313
- b) Chef Varun Sharma, Founder – Bodhi Greens: The organic vegan café, Dharamshala
- c) Mr. Siddharth Sharma, Assistant Manager, Institutional outreach, Eat Kind India Campaign. HSI-India

4. Brief Description of the event

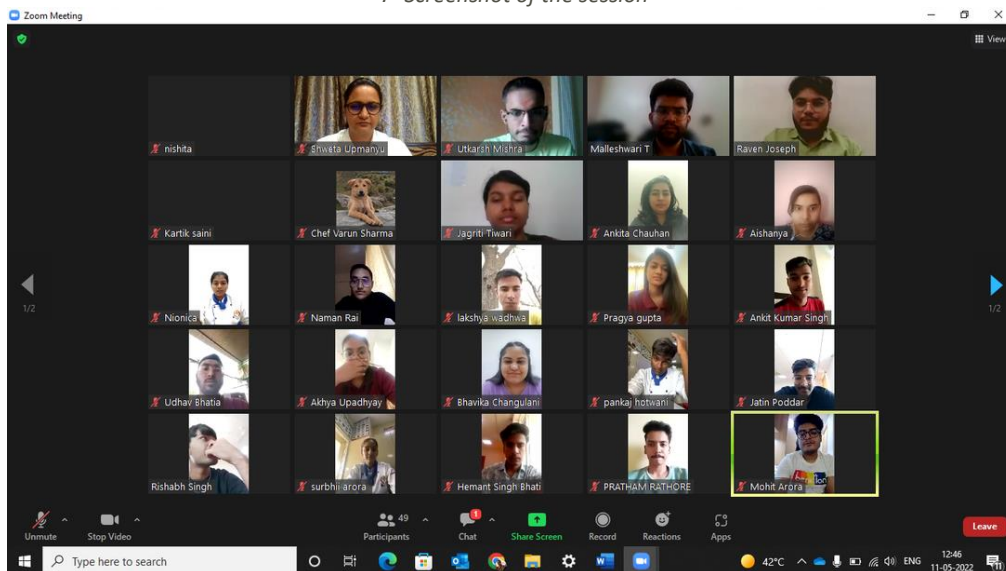
This AY is celebrated as International Year of Millet. Based on the guidelines sent by UGC to all HE institutions, School of Hospitality and Tourism Management of Manipal University Jaipur had organized a 2-day culinary workshop titled ‘Millets an embellishing source of plant-based nutrition’ on 10th and 11th May 2022. The webinar was held online on Zoom platform. The workshop was conducted in collaboration with the Humane Society International – India.

Total participants were 179 of students and faculty members of hotel management department from MUJ (101) and other institutions (78). The session enhanced the information about millets and how this corps may substitute the animal source. The resource persons demonstrated the various uses of the millets and the role it can play in providing nutrition for humans. The chef demonstrated various preparation of dishes out of millets. The 2-day session ended with vote of thanks by Ms Nionica, student of BHM program of MUJ.

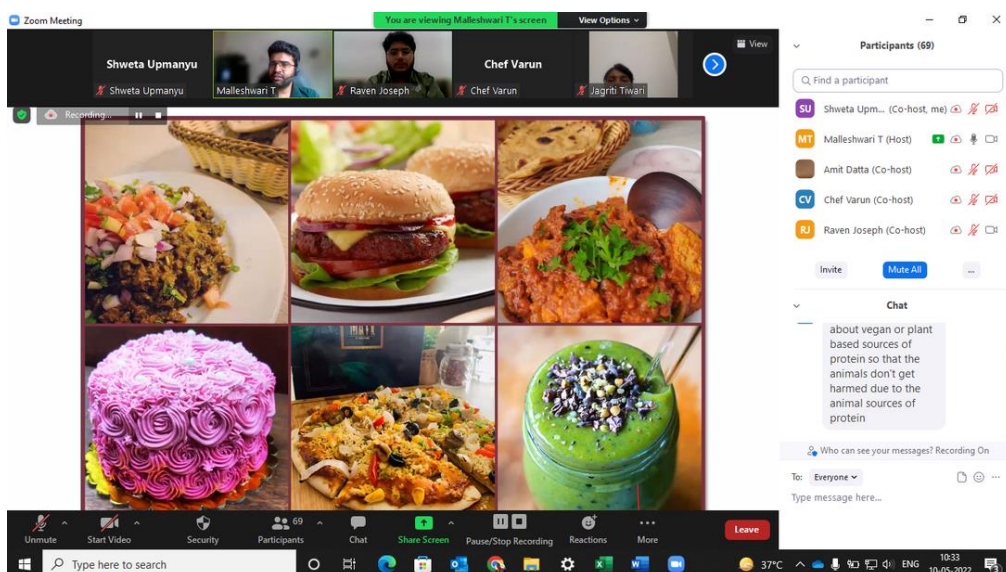
5. Photographs/ screenshots of the event



1 Screenshot of the session



2 Screenshots of slides



3 Screenshot of question answer session

6. Brochure or creative of the event



International Year Of Millets

**Plant-based workshop: Millets An Embellishing
Source Of Plant-based Nutrition**

With Chef Varun Sharma (Owner, Bodhi Greens)

Date: 10th & 11th May, 2022 | Time: 10 AM to 1 PM | Platform: Zoom

4 Brochure

7. Schedule of the event

Day 1: 10th May 2022

10:00 am to 10:20 am

- Humane Society International/India Introduction.
- Why/How we do, what we do

By Siddharth Sharma (Assistant Manager, Institutional outreach, Eat Kind India Campaign)

10:20 to 10:30 am: Q/A with Siddharth

10:30 am to 11:45 am: Webinar By Vegan Chef and Entrepreneur Varun Sharma from Bodhi Green Organic and Vegan restaurant

11:45 am to 12:30pm: Q/A with Chef Varun

DAY 2: 11th May 2022

10:00am to 12:30pm: Live cooking demonstration by Chef Varun (Simultaneous Q/A with attendees)

12:30pm to 1:00pm: Vote of Thanks

Join Zoom Meeting:

<https://hsi.zoom.us/j/99075561928?pwd=UDE0MTRYak96UldvNVNhhZ1BVYXJydz09#success>



8. Attendance of the Event

Total attendee – 179 {101: MUJ + 78: other institutions (highlighted)}

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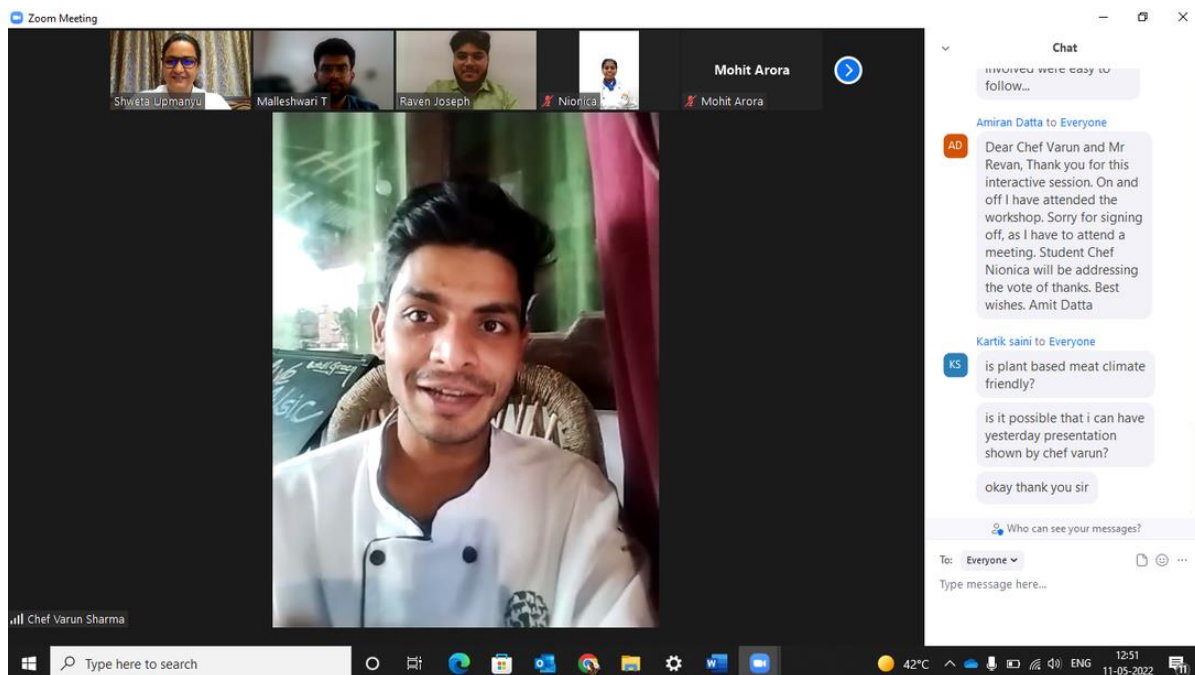


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9. Feedback of the Event

The session was interesting and will benefit the student's learnings about the database. It will also help the students who wishes to become researchers. Similar views were also expressed by the students after the session was completed.



10. Letter of Correspondence and Certificates

Sub: A 2-days online workshop on "Millets an embellishing source of plant-based nutrition" to celebrate International Year of Millet

- In reference to the UGC notification for HEIs to observe year 2022-23 as "International year of Millet", the School of Hospitality and Tourism Management, MUJ has organized the above-mentioned workshop in association with Humane Society International (HIS).
- The scheduled date of the workshop is on 10th -11th May 2022, from 10 am – 1 pm, and it will be conducted online.
- The workshop includes live culinary demonstration of dishes that include millets as a plant-based nutritious food and further how these may substitute meat-based dishes.
- The workshop is co-hosted by MUJ and HIS and other students of HM institutions will be invited to participate.
- The entire workshop is sponsored by the HIS and hence there is no financial requirement from MUJ's end.
- Placed for approval, please.

Amit Datta

Amit Datta, HoD, SHTM

Sudhendar. X

Dean, FoMC

Approved.

Registrar, MUJ

OB
05/05/2022

Dr. Amit Datta [MU - Jaipur]

From: Raven Edward Joseph <rjoseph@hsl.org>
Sent: 02 May 2022 15:38
To: Dr. Amit Datta [MU - Jaipur]
Cc: Shweta Upamanyu [MU - Jaipur]
Subject: RE: [EXTERNAL] RE: Query resolution and discussion for the upcoming plant-based culinary training and workshop.

Hello! Greetings of the day

I would like to share the information with you sir that the program has been scheduled for 10th and 11th of May 2022.

As per my discussion with you @Dr. Amit Datta [MU - Jaipur] sir the chosen topic of the plant-based culinary workshop cum training can be- "Millets an embellishing source of plant-based nutrition". This will cover the plant-based as well as millets theme inclusively.

As per your suggestions that speaker, timings as well as the logo which you shared sir are added on the poster as per the HOD's guidance and the poster is being prepared by our Media Team.

Also the details of the topic to be emphasised and reflected is shared with the Chef to customize the session as per the theme of celebrating 'Millets Year'.

The proposal will be shared with you in sometime once approved by final higher authority of HSI/India

Please contact me further for any clarifications or queries.

Thanks in anticipation and eagerly waiting for this session to be a academic success.

From: Dr. Amit Datta [MU - Jaipur] <amit.datta@jaipur.manipal.edu>

Sent: 25 April 2022 14:23

To: Raven Edward Joseph <rjoseph@hsl.org>

Cc: Shweta Upamanyu [MU - Jaipur] <shweta.upamanyu@jaipur.manipal.edu>

Subject: [EXTERNAL] RE: Query resolution and discussion for the upcoming plant-based culinary training and workshop.

Dear Sir,

As discussed, the seminar may be conducted in between 9th – 11th May 2022. The timing may be any, preferably pre-lunch.

Since we are associating with the 'International year of Millet' the theme should be related with it. Request you to confirm, along with the title of the seminar, timing and speaker name.

Please feel free to communicate with me for further queries.

Regards,

Amit Datta

HOD, SHTM

From: Raven Edward Joseph <rjoseph@hsl.org>

Sent: 19 April 2022 17:47

To: Dr. Amit Datta [MU - Jaipur] <amit.datta@jaipur.manipal.edu>

Subject: Query resolution and discussion for the upcoming plant-based culinary training and workshop.

Hello! Greetings of the day.


HOD, SHTM

As per our conversation and query resolution discussion, I have addressed the following with my team and we have come to the conclusion as follows-

1. Day and Date

The day and date of the session **can be scheduled as per your and our convenience.** I have discussed the time frame of 17-21 April with the team. We have also asked the Plant-based chef Varun for the availability and compliance of the time frame, he has said that since he is working on several new projects he will look at his schedule of projects and prior commitment firstly and then update us regarding his availability. I hope a slight change of dates will not make a difference and give us good enough time help us to make this session a more effective and innovative for the students. **Meanwhile we can also include the universities with you have a tie up. This will enhance and make the session to cover wider group of students.**

2. Time frame

As per your kind suggestions and retention criteria dimensions, I have put forward the idea of shortening the time frame with my team. The only thing is that we during the sessions cover different sections of plant-based industry dynamics such as plant-based market **animal agriculture, sustainability, food industry gap analysis, opportunities for the nuances, scope for hospitality and management businesses, upcoming trends, statistical evidences, growth of industry, practical culinary training, plant-based culinary operations in kitchen,** etc. So I don not believe we can be able to wind up these in one day. **At least two days of 2-2.5 hrs duration is necessary for the session to be student informative, interactive, involving and awareness propagative.** Also, at the end of the first day we will be sending students a questionnaire cum assignment so that the chef can have a clear picture regarding the understanding of plant-based skill set and understanding among the students.

3. Millets year incorporation to the session

Incorporating millets as an ingredient during the culinary training practical depiction session and assimilating it in the entire session will be not an issue, its just **we require proper time frame and preparation to execute this as successfully and educational as possible for the betterment of the audience in interaction.**

I hope I have covered the major sections of query clarification, please feel free to contact me for any further feedback or ambiguity. Your queries and feedback will help me personally and HSI/India to make this session one of a kind full of enlightenment, skilful and polished. **Looking forward to have this collaborative culinary training cum workshop session.**

Thanks in anticipation

Raven Edward Joseph

Institutional Meat Reduction Campaigner, Eat Kind India Campaign

rjoseph@hsi.org

P - 902-474-8313

hsi.org



HUMANE SOCIETY
INTERNATIONAL
INDIA

Humane Society International is the world's most effective animal protection organization, defending all animals for more than 25 years, working around the globe to promote the human-animal bond and confront cruelty to animals in all its forms. To support our work, please make a monthly donation or help in another way.





सत्यमेव जयते

सचिव

Secretary



सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग
University Grants Commission

(फ़िरात मंत्रालय, भारत सरकार)
(Ministry of Education, Govt. of India)

राजपुराण्ड जगद मर्ण, नई दिल्ली-110002
Bahadur Shah Zafar Marg, New Delhi-110002

Ph.: 011-23236288/23239337

Fax : 011-2323 8858

E-mail : secy.ugc@nic.in

D.O.No.2-5/2021(CPP-II)

November, 2021

29 NOV 2021

Respected Madam/Sir,

On the proposal of India the United Nations has agreed to celebrate 'International Year of Millets' in 2023. The basic idea behind the move is to create awareness and inspire all stakeholders to work towards improving production and productivity of the climate-resilient and nutritious millets across the globe. The Ministry of Education, Government of India vide its O.M. No. 11018/4/2021-CDN dated 11.11.2021 and 17.11.2021 has desired universities and colleges to organize activities to celebrate International year of Millets.

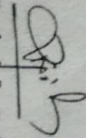
Accordingly, all Higher Education Institutions are requested to observe the year 2023 as "International Year of Millets" and to take following actions:

- i. Awareness programmes on the benefits and nutritional values of Millets which can help tackle life style problems and health challenges such as obesity and diabetes.
- ii. Propagation of benefits of consumption of Millets by displaying banners in and around campuses of universities / colleges / institutions.
- iii. Organizing workshops / seminars / conferences on millets.
- iv. Health talks / debates on the benefits of Millets.
- v. To add millets in the diet charts of HEIs canteens.
- vi. To include a chapter on nutritional values of Millets in Home Science Departments of HEIs.
- vii. Importance of improving production and productivity of the climate resilient millet in relevant department like Agriculture, Home Science, Food processing, Nutrition Science, Hotel Management, Catering Science, Culinary Arts, Community Health etc. in HEIs.

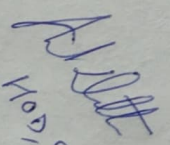
This initiative may also be brought into the notice of the affiliated colleges / institutions of your university.

With kind regards,

Yours sincerely,


(Rajnish Jain)

The Vice-Chancellors of All Universities
The Principals of all Colleges / Institutes


10/11/2021



**MANIPAL UNIVERSITY
JAIPUR**
(University under Section 2(f) of the UGC Act)



**HUMANE SOCIETY
INTERNATIONAL**
INDIA

CERTIFICATE

OF PARTICIPATION

This certificate is presented to

Jahan Daruwala

for participation in the 2-day Plant-Based Culinary Workshop,
organized on the 10th & 11th May 2022, by Humane Society
International/India and Manipal University Jaipur.

Dr Amit Datta
HoD, SHTM
Manipal University Jaipur

Sumanth Bindumadhav
Acting Country Director,
HSI/India



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This certificate is presented to

Ankita Chauhan

for participation in the 2-day Plant-Based Culinary Workshop,
organized on the 10th & 11th May 2022, by Humane Society
International/India and Manipal University Jaipur.

Dr Amit Datta
HoD, SHTM
Manipal University Jaipur

Sumanth Bindumadhav
Acting Country Director,
HSI/India



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This certificate is presented to

Dr Amit Datta

for participation in the 2-day Plant-Based Culinary Workshop,
organized on the 10th & 11th May 2022, by Humane Society
International/India and Manipal University Jaipur.

Dr Amit Datta
HoD, SHTM
Manipal University Jaipur

Sumanth Bindumadhav
Acting Country Director,
HSI/India



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This certificate is presented to

Ankit Kumar Singh

for participation in the 2-day Plant-Based Culinary Workshop,
organized on the 10th & 11th May 2022, by Humane Society
International/India and Manipal University Jaipur.

Dr Amit Datta
HoD, SHTM
Manipal University Jaipur

Sumanth Bindumadhav
Acting Country Director,
HSI/India



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This certificate is presented to

Rishabb Singh

for participation in the 2-day Plant-Based Culinary Workshop,
organized on the 10th & 11th May 2022, by Humane Society
International/India and Manipal University Jaipur.

Dr Amit Datta
HoD, SHTM
Manipal University Jaipur

Sumanth Bindumadhav
Acting Country Director,
HSI/India



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This certificate is presented to

Pankaj Hotwani

for participation in the 2-day Plant-Based Culinary Workshop,
organized on the 10th & 11th May 2022, by Humane Society
International/India and Manipal University Jaipur.

Dr Amit Datta
**HoD, SHTM
Manipal University Jaipur**

Sumanth Bindumadhav
**Acting Country Director,
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This certificate is presented to

Kopal Jain

for participation in the 2-day Plant-Based Culinary Workshop,
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Dr Amit Datta
**HoD, SHTM
Manipal University Jaipur**

Sumanth Bindumadhav
**Acting Country Director,
HSI/India**



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This certificate is presented to

Naman Rai

for participation in the 2-day Plant-Based Culinary Workshop,
organized on the 10th & 11th May 2022, by Humane Society
International/India and Manipal University Jaipur.

Dr Amit Datta
HoD, SHTM
Manipal University Jaipur

Sumanth Bindumadhav
Acting Country Director,
HSI/India



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CERTIFICATE

OF PARTICIPATION

This certificate is presented to

Mohit Arora

for participation in the 2-day Plant-Based Culinary Workshop,
organized on the 10th & 11th May 2022, by Humane Society
International/India and Manipal University Jaipur.

Dr Amit Datta
HoD, SHTM
Manipal University Jaipur

Sumanth Bindumadhav
Acting Country Director,
HSI/India



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OF PARTICIPATION

This certificate is presented to

Bhavika Changulani

for participation in the 2-day Plant-Based Culinary Workshop,
organized on the 10th & 11th May 2022, by Humane Society
International/India and Manipal University Jaipur.

Dr Amit Datta
HoD, SHTM
Manipal University Jaipur

Sumanth Bindumadhav
Acting Country Director,
HSI/India



**MANIPAL UNIVERSITY
JAIPUR**

MUJ/Q&C/22/F/1.01

Event Report Format



**MANIPAL UNIVERSITY
JAIPUR**

FACULTY OF ENGINEERING

SCHOOL OF CIVIL AND CHEMICAL ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING

INTERNATIONAL EXPERT LECTURES

Date of Event (07 November 2022 to 08 November 2022)



Content of Report

1. Introduction of the Event
2. Objective of the Event
3. Beneficiaries of the Event
4. Details of the Guests
5. Brief Description of the event
6. Geo-tagged Photographs
7. Brochure or creative of the event
8. Schedule of the Event
9. Attendance of the Event
10. News Publication
11. Feedback of the Event
12. Link of MUJ website

1. Introduction of the Event

The Department of Civil Engineering, Manipal University Jaipur along with IEI and ICI student chapters organised the International Expert lectures, on 7th & 8th November 2022.

2. Objective of the Event

The event was planned with the aim of providing exposure to our students and faculty members about the various advancements in concrete technology and construction practices. Also, the lectures were intended to discuss the different innovations done in the Department of Civil Engineering, Czech Technical University, Prague, Czech Republic.

3. Beneficiaries of the Event

The Beneficiaries of the events are the undergraduate, post graduate students and research scholars of Civil Engineering the years and faculty members of Civil Department.

4. Details of the Guest



Prof. Petr Hajek

Professor of Civil Engineering at Czech Technical University in Prague, Faculty of Civil Engineering

Vice Dean for Research and Head of Department of Architectural Engineering

Head of Division Architecture and Environment at University Centre for Energy Efficient Buildings (UCEEB)

Research focus:

sustainable construction of buildings, complex assessment and rating of building performance quality, LCA, optimization of concrete structures and use of recycled materials.

Professional activities:


Member of the CEN TC 350 committee and head of standardisation committee TNK149 responsible for implementation and translation of CEN 350 Standards into Czech Republic

Chairman of fib (International Federation for Structural Concrete) Commission 7 - Sustainability and head of fib C7 TG C7.1 - Sustainable Concrete - general framework

Board member of iiSBE - International Initiative for Sustainable Built Environment and chairman of CSBS iiSBE Czech - Czech Sustainable Building Society.

Board member of CBS - Czech Concrete Society

Editor-in-Chief of the journal Concrete TKS



Head
Civil Engg. Dept.
NIT J. Dahnika, Jaipur

5. Brief Description of the event

The expert talks were delivered by Prof. Petr Hajek, Head of the of Architectural Engineering Department, Faculty of Civil Engineering, Czech Technical University in Prague, Czech Republic on Advanced Concrete Structures for Sustainable and Resilient Built Environment.

The topics of the lectures during these two days were Sustainable Concrete and Concrete Structures, Material effective structures using high performance concrete, UHPC, TRC, Recycled Concrete, Case studies - research results from experiments and full-scale experiments on-site and Life-Cycle Assessment of Concrete Structures.

6. Photographs



Image 1



Image 2


Head
Civil Engg. Dept.
NITJ, Dahmi Kalan, Jaipur



Image 3



Image 4



Image 5



Image 6



Image 7



Image 8

Images 1-8: Prof. Petr taking the lectures on 7th – 8th November 2022

7. Brochure or creative of the event



The brochure features the Manipal University Jaipur logo and name at the top left, along with the text "(University under Section 20 of the UGC Act)". To the right are the logos of the International Civil Engineers' Association (ICEA) and the International Association of Structural Engineers (IASSE). The main title "INTERNATIONAL EXPERT LECTURES" is centered in a blue banner. Below this is a portrait of Prof. Ing. Petr Hájek. His name and title are listed: "Prof. Ing. Petr Hájek, Head, Department of Architectural Engineering, Czech Technical University, Prague, Czech Republic". The lecture topics are listed in a white box: "Day 1: Sustainable Concrete and Concrete Structures" and "Day 2: Life Cycle Assessment of Structures and Material-effective structures using high-performance concrete". At the bottom, a dark blue box contains the co-ordinators' names: "Prof. Bhavna Tripathi" and "Dr. Priyansha Mehra". To the right, the dates and time are given: "NOVEMBER 07 & 08, 2022, 10:00 AM - 12:00 PM". The venue is listed as "VENUE: 307, Academic Block 1". At the very bottom, it states "Organised by Department of Civil Engineering, MUJ, In association with Student Chapters (ICI & IEI)".

8. Schedule of the event

Date: 07.11.2022 – 08.11.2022

Time: 10:00 AM – 12:00 PM

Venue: 307, AB 1, Manipal University Jaipur



Head
Civil Engg. Dept.
M.U.J. Jaipur



9. Attendance of the Event Total attendee- 51

Sr. No	Name Of Institution	Place Of Institution	Registration Number/Employee Code	Name Of Attendee	Name Of Dept
1	Manipal University Jaipur	Jaipur	189102034	Hemant Singh Jadoun	Civil Engineering
2	Manipal University Jaipur	Jaipur	199102001	Panpaliya Sandesh Akash	Civil Engineering
3	Manipal University Jaipur	Jaipur	199102002	Utkarsh Agarwal	Civil Engineering
4	Manipal University Jaipur	Jaipur	199102004	Devansh Jain	Civil Engineering
5	Manipal University Jaipur	Jaipur	199102005	Anurag Patidar	Civil Engineering
6	Manipal University Jaipur	Jaipur	199102006	Abhinaba Ray	Civil Engineering
7	Manipal University Jaipur	Jaipur	199102007	Yashwardhan Singh	Civil Engineering
8	Manipal University Jaipur	Jaipur	199102008	Devyash Jain	Civil Engineering
9	Manipal University Jaipur	Jaipur	199102009	Anubhav Singh Rana	Civil Engineering
10	Manipal University Jaipur	Jaipur	199102010	Animesh Mishra	Civil Engineering
11	Manipal University Jaipur	Jaipur	199102011	Dewang Ratnu	Civil Engineering
12	Manipal University Jaipur	Jaipur	199102012	Sagar Sharma	Civil Engineering
13	Manipal University Jaipur	Jaipur	199102013	Aadil Khalid Khan	Civil Engineering
14	Manipal University Jaipur	Jaipur	199102014	Priyanshu Ladha	Civil Engineering
15	Manipal University Jaipur	Jaipur	199102016	Ashutosh Kumar	Civil Engineering
16	Manipal University Jaipur	Jaipur	199102018	Eshaan Mishra	Civil Engineering
17	Manipal University Jaipur	Jaipur	199102020	Tavish P Sharma	Civil Engineering
18	Manipal University Jaipur	Jaipur	199102021	Sarthak Morwal	Civil Engineering
19	Manipal University Jaipur	Jaipur	199102022	Gourav Kumawat	Civil Engineering
20	Manipal University Jaipur	Jaipur	199102023	Ritesh Sharma	Civil Engineering
21	Manipal University Jaipur	Jaipur	199102024	Annu Aman	Civil Engineering
22	Manipal University Jaipur	Jaipur	199102025	Aftab Sheikh	Civil Engineering

Head
Civil Engg. Dept.
M.J. Dohrnika, Jaipur



MANIPAL UNIVERSITY JAIPUR

23	Manipal University Jaipur	Jaipur	199102026	Aditya Saini	Civil Engineering
24	Manipal University Jaipur	Jaipur	199102027	Aayush Kumawat	Civil Engineering
25	Manipal University Jaipur	Jaipur	199102028	Sanjeet Tanwar	Civil Engineering
26	Manipal University Jaipur	Jaipur	199102029	Akhilesh Tarkar	Civil Engineering
27	Manipal University Jaipur	Jaipur	199102030	Devesh Chaudhary	Civil Engineering
28	Manipal University Jaipur	Jaipur	199102031	Mohammad Juned Mansuri	Civil Engineering
29	Manipal University Jaipur	Jaipur	199102032	Pulkit Gujral	Civil Engineering
30	Manipal University Jaipur	Jaipur	199102033	Anand Yadav	Civil Engineering
31	Manipal University Jaipur	Jaipur	199102034	Sandeep Kumar	Civil Engineering
32	Manipal University Jaipur	Jaipur	199301073	Pratyush Gaurav	Civil Engineering
33	Manipal University Jaipur	Jaipur	209102002	Hemant Medatwal	Civil Engineering
34	Manipal University Jaipur	Jaipur	209102005	Divya Vashistha	Civil Engineering
35	Manipal University Jaipur	Jaipur	209102007	Pratyush Gaurav	Civil Engineering
36	Manipal University Jaipur	Jaipur	209102008	Mayank Singh	Civil Engineering
37	Manipal University Jaipur	Jaipur	209102009	Mohak Goel	Civil Engineering
38	Manipal University Jaipur	Jaipur	209102010	Hemant Medatwal	Civil Engineering
39	Manipal University Jaipur	Jaipur	209102013	Adnan Sheikh	Civil Engineering
40	Manipal University Jaipur	Jaipur	209102014	Piyush Sharma	Civil Engineering
41	Manipal University Jaipur	Jaipur	209102015	Sanket Sandeep Karpe	Civil Engineering
42	Manipal University Jaipur	Jaipur	209102016	Khadke Suyash Shailendra	Civil Engineering
43	Manipal University Jaipur	Jaipur	209102017	Sparsh Khare	Civil Engineering
44	Manipal University Jaipur	Jaipur	209102018	Anurag Meeral	Civil Engineering
45	Manipal University Jaipur	Jaipur	209102019	Sagar Chouhan	Civil Engineering
46	Manipal University Jaipur	Jaipur	209102023	Mayank Sharma	Civil Engineering
47	Manipal University Jaipur	Jaipur	209102024	Mayank Tomar	Civil Engineering
48	Manipal University Jaipur	Jaipur	209102025	Peter Singh	Civil Engineering


Head
Civil Engg. Dept.
M.T.J. DehriKata, Jaipur



MANIPAL UNIVERSITY JAIPUR

49	Manipal University Jaipur	Jaipur	209102026	Shubham Bhagwat Landge	Civil Engineering
50	Manipal University Jaipur	Jaipur	209102027	Shivsagar Tiwari	Civil Engineering
51	Manipal University Jaipur	Jaipur	209401019	Arastu Meel	Civil Engineering

10. Link of MUJ website stating the event is uploaded on website

https://jaipur.manipal.edu/content/dam/manipal/muj/foe/documents/civil_engg/civil-events/INTERNATIONAL%20EXPERT%20LECTURES.pdf


Head
Civil Engg. Dept.
M.U.J. Dehnikala, Jaipur

Seal and Signature of Head with date


Head
Civil Engg. Dept.
M.U.J. Dehnikala, Jaipur

A REPORT ON
INDUSTRY EXPERT SEMINAR
ON
WATER SECURITY AND SUSTAINABLE INFRASTRUCTURE

Even Organizer

Dr. Mohammad Parwez Akhtar, Associate Professor
Department of Civil Engineering
School of Civil & Chemical Engineering Manipal University

Department of Civil Engineering in collaboration with Directorate of E Cell organized an offline seminar under industry expert lecture series to foster the entrepreneurship mindset among civil engineering students of Manipal University Jaipur on 8th November 2022 at Room No. 307, AB1 Maipal University Jaipur, Jaipur (Raj.)

On 8th November 2022, (at Room No. 307 AB1, MUJ), the industry guest lecture was organized in physical mode by the Civil Engineering Department, Manipal University Jaipur. The esteemed Guest of the event was (Guest Speaker: Dr. Harinarain Tiwari, Managing Director, Floodkon Consultants LLP Noida India. The objective of the industry expert lecture was to acquaint the students about the importance of professional career building with adequate exposure on sustainable approach on water security and infrastructural development with specific focus on undermentioned thrust areas but not restricted to,

1. To learn the practical concepts, technicalities and to equip with the procedures for major engineering project
2. To provide a platform for students to discuss with industry expert for further career development.
3. To do formal MoU between Manipal University Jaipur and Floodkon LLP.
4. To create opportunities such as internships, minor and major projects, training and job placement, and research for students and faculties.
5. To build networking for counseling in future curriculum development.

More than 60 student/faculty members participants attended this physical event.

On this occasion, Prof. (Dr.) Bhawna Tripathi, Director SCCE and Dr. Meena Kumari Sharma, Head of the Department welcomed Dr. Harinarain Tiwari and encouraged attending students to ask their queries with the esteemed after his discussion. Dr. M. Parwez Akhtar formally introduced Dr. Harinarain Tiwari (Managing Director, Floodkon Consultants LLP Noida India) with brief discussion on Dr. Tiwari's credentials and achievement and experience. After his very fruitful speech and discussion with attendees, Dr. Tiwari expressed his gratitude for the august gathering.

The vote of thanks was expressed by Dr. Meena Kumari Sharma. The entire event was smoothly conducted by a PhD Scholar. Ms. Shweta Kodihal.

Esteemed dignitaries and attending faculty members heaped praise for the successful organization of the event that would boost the morale of the participating students and shared the knowledge on the topic of “Water security and sustainable infrastructure”.

Images

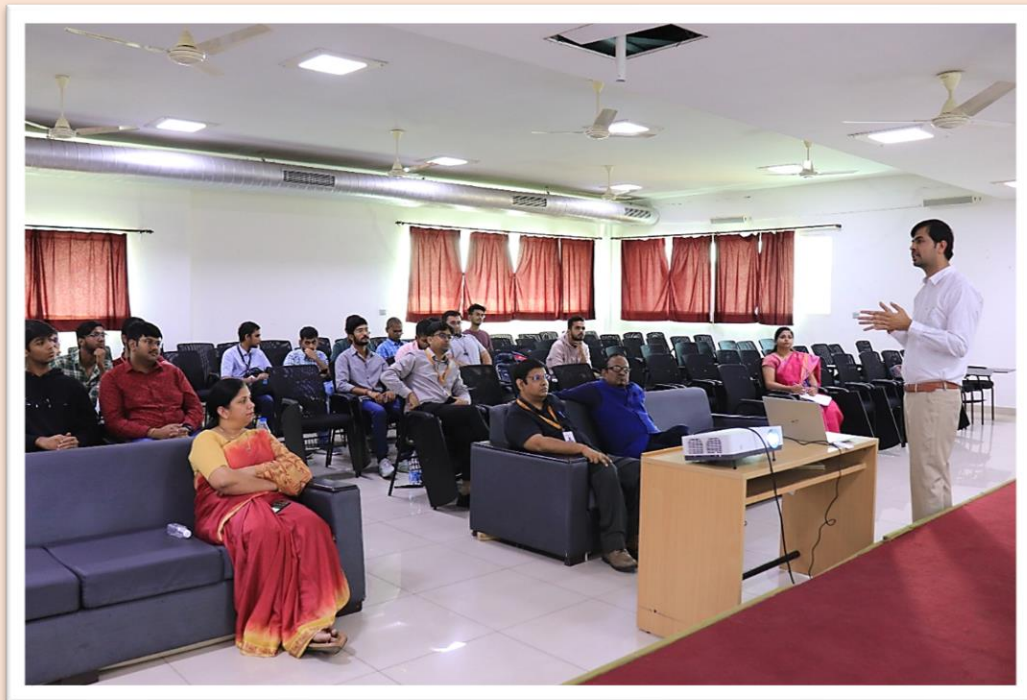


Figure 1: Attendees in the seminar at Room No 307 AB1 during the lecture



Figure 2: Dr. Harinarayan Tiwari delivering his lecture

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Handwritten signature



Figure 3: Dr. Harinarayan Tiwari interacting to Civil Engineering students



Figure 4: Attendees listening to Dr. Harinarayan Tiwari

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Handwritten signature



Figure 5: Esteemed guest signing an MoU with MUJ jointly managed by E-Cell and Department of Civil Engineering



Figure 6: Visit of the esteemed guest the Registrar MUJ for MoU signing ceremony with MUJ jointly managed by E-Cell and Department of Civil Engineering

Handwritten signature

Handwritten signature

Circulation Email from MUJ Exchadmin to MUJ Faculty community for the event announcement

Invitation for Industry Expert Lecture_ - Dr. Harinarayan Tiwari on 8th November 2022 from 12.15 PM to 2.00 PM

Exchadmin [MU - Jaipur] <exchadmin@jaipur.manipal.edu>

Mon 07-11-2022 14:13

To: MUJ Faculty <muj.faculty@jaipur.manipal.edu>

Dear All

Greetings!!!

The Department of Civil Engineering, Manipal University Jaipur cordially invite you to the **Industry Expert lecture**, on 8th November 2022. The Lecture will be delivered by **Dr. Harinarayan Tiwari, Managing Director, FLOODKON CONSULTANTS LLP, Delhi, India** on a very interesting topic with global significance on "Water Security and Sustainable Infrastructure".

Faculty members and students who all are interested in the domain of Water and sustainable Infrastructure, please join the lecture.

Time: 12:15 PM – 2:00 PM

Venue: 307, Academic Block 1

MANIPAL UNIVERSITY
JAIPUR

INDUSTRY
EXPERT
LECTURES

**WATER SECURITY AND
SUSTAINABLE
INFRASTRUCTURE**

WHEN
November 8th, 2022
12.15 pm - 2.00 pm

WHERE
ROOM NO : 307
Academic Block-1 Manipal
University, Jaipur

COORDINATOR
DR. PARWEZ AKHTAR
ASSOCIATE PROFESSOR
DEPT. OF CIVIL ENGINEERING
ECCEI MANIPAL UNIVERSITY
JAIPUR

ORGANISED BY
DEPT. OF CIVIL ENGINEERING
MANIPAL UNIVERSITY JAIPUR
JAIPUR-303007

DR. HARINARAYAN TIWARI,
(PHD IITROORKEE)
MANAGING DIRECTOR
FLOODKON CONSULTANTS LLP
NEW DELHI INDIA

Regards,
Dr. Parwez Akhtar
Associate Professor (Civil Engineering)
Manipal University Jaipur
Contact: 8235630860



**MANIPAL UNIVERSITY
JAIPUR**

MUJ/DSW/Student Clubs/2021/RGC/01 April

DIRECTORATE OF STUDENTS' WELFARE

Society Connect

THE GLOBAL GOALS RUN

Offline Event

Date: 3rd April 2022



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MANIPAL UNIVERSITY JAIPUR

1. Introduction of the Event

Rotaract Green Club in collaboration with AIESEC, Jaipur hosted 'The Global Goals Run 2022'. It took place on 3rd April 2022 from 6 a.m.

The event consisted of marathons as well as a walk-a-thon. The Run started from Patrika Gate, Jaipur at 6 in the morning. Students from MUJ and people from all over the city participated enthusiastically. A Zumba session was held before the marathon to energize the crowd.

2. Objective of the Event

- Spread awareness on fitness
- Direct students' mind in constructive activities
- Contribution to the societal health.
- Work towards sustainable development goals.
- Create awareness regarding importance of health.
- Promote importance of exercise and morning walk.

3. Beneficiaries of the Event

Community and students of the MUJ

4. Details of the Guests with contact details

NA

5. Brief Description of the event

The Rotaract Green Club, Manipal University Jaipur and *AIESEC* in Jaipur present Global Run 2022. We aim to spread awareness of The Sustainable Development Goals initiated by the United Nations through the run and promote peace and fitness in the society.

Venue- Patrika Gate Jaipur

Date time:- 3rd April, 5:00 AM Onwards

*Distance Categories :

5km Walkathon -200/-

6Km Run 200/-



MANIPAL UNIVERSITY JAIPUR

10 Km Run 200/-

Run towards Goals

Age criteria: 6 years to 80 years

Awards for participants:-

Participant T-shirt

Certificate of participation to all

Zumba [Pre Marathon]

Yoga [Post Marathon]

Trophy and medals to winners

Certificate on completion of the Marathon

Hydration

Refreshments

Route support

Medical support

6. 3 to 5 photographs of the event or screenshots of the event (if online) with captions



Jawahar Circle

Jagatpura, Jaipur, Rajasthan 3020...

26.841742, 75.801392



Fig1. Everyone participating in Zumba



Fig2. People of age 6 to 80 participating enthusiastically



Fig3. Students awarded with medals



7. Brochure or creative of the event



8. Schedule of the event

The event took place on 3rd April 2002, 6 a.m. onwards. It took place at Patrika Gate, Jaipur.

9. Attendance of the Event (insert in the document only)

Total attendee- 53

S.NO.	Name	Age	Contact number	Profession(mention college/school/company/others)
1	Aarushi Tandon	20	9550902570	College
2	Yasha Jain	21	9407882300	College
3	Vitika	18	9316194084	college



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4	PRATHAM MAHESH HARIANI	19	9987230216	Colleege
5	Anisha	18	8383915207	College
6	Aryan Chitale	20	9768171027	College Student
7	Dhruv Bhatia	18	8376009355	College
8	Sanya Dureja	19	9643409394	College
9	Nysa Maheshwari	18	7229056111	Manipal University Jaipur
10	Nikita Singh	19	9550409480	Student at Manipal University Jaipur
11	Akash Shedage	19	8522956221	Manipal University Jaipur
12	Anikeit Bagaria	19	8178740456	Manipal University Jaipur
13	Avij Gupta	19	8917510094	College student - Manipal University Jaipur
14	Palak Chouhan	18	9929873333	College
15	Garima Ghaley	20	6033164800	Student, MUJ
16	Kartikey Joshi	19	7355592785	College Student
17	Prannov Jamadagni	19	9502979388	Manipal University Jaipur
18	Chinmayee Dahake	20	7647901917	College student
19	Yuva	18	8855341508	College
20	Anisha dhamania	18	9148250888	College
21	Devashish Singh	19	8857067583	College
22	Manish Raj	21	7782821634	Student
23	Abhinav Sinha	18	9352539319	Manipal University Jaipur
24	Urvi Dhasmana	19	9310021980	College Student
25	Nirbhay kumar	18	6207935550	Manipal university jaipur
26	Ansh us gupta	19	7409656921	Manipal University Jaipur
27	Hitesh tanwar	18	8375058386	Manipal university jaipur
28	siddhi gujar	19	9361435953	College student
29	Ritvik Agrawal	18	9993608400	College student



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30	Harshit Saha	18	8949490460	College
31	Surbhi Wadhawan	21	8130072401	Student at Manipal University Jaipur
32	Aditi Singh	20	9910602994	Student at Manipal University Jaipur
33	Ayam kaushik	18	7330986163	Manipal university jaipur
34	Naveen Katiyar	20	80815 81409	Student at Manipal University Jaipur
35	Dakshit Chandel	19	7982707484	Manipal University jaipur
36	Anushkaa Awasthi	20	8056160466	MUJ
37	nandish parashar	20	6378218858	College student
38	Aditi Tiwari	19	9336796844	College
39	Kumar Ayush	19	6201902990	College
40	Ayushi Gupta	22	8420079825	Student at Manipal University Jaipur
41	Jai Nandwana	19	7073937621	College
42	Gaurav Vishwakarma	20	9414570635	College
43	Muskan Yadav	20	9381108256	College
44	Divya	19	8879657943	College
45	Joy Brar	19	8196800210	College
46	Akshvin K Singhal	19	7599679111	College
47	Deepti meena	18	7974630453	Manipal University Jaipur
48	Ansh Chawla	19	9312269580	College(Manipal University Jaipur)
49	Garima Mahaur	20	95401 53468	College
50	Priyansha Darbari	21	9454829994	College
51	Samir Jain	21	8696102515	College
52	Harshit Kumar Metpally	19	9949010409	Manipal University Jaipur
53	Radhika Ratji	21	9924147081	College



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54	Rahul Raj	21	9955950898	College
55	Tarun Agarwal	18	9784953529	Collage
56	Rohan bhandari	18	9989515705	College
57	Rishi garg	20	8225823857	MUJ school
58	BHOOMI LODHA	19	7219271346	College
59	Sumeet Shivaprasad	21	8291079449	Student @ MUJ
60	RADHIKA KHANDELWAL	18	9105054212	Manipal University Jaipur
61	Jagjit Singh	22	8233359668	College
62	Mridul Verma	19	7289984793	College
63	KAPISH SHARMA	18	9354854651	College
64	Shubham Mehta	18	8287636212	College
65	Kuldeep Singh Shekhawat	18	9116418169	Colleg geek
66	Sushmita Sadhwan	20	9422309403	College
67	Tanishka Kurian	20	9352340393	Manipal University Jaipur
68	Meghaj Garg	20	8955317415	Student
69	Tarun Meena	20	8955155581	Student
70	Akshat Choudhary	21	8890807703	Manipal University Jaipur
71	Shaan Ahuja	21	8860020284	Manipal University Jaipur

10. Link of MUJ website: **NA**

Signature of the Faculty Coordinator

Prof. AD Vyas),

Signature of Director, DSW



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JAIPUR**

FACULTY OF DESIGN

Seminar on

'Bamboo'

On the occasion of World Bamboo Day

Venue: Smt. Sharda Pai Auditorium

Time: 10:30 AM-12.30 PM

18th September 2022



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1. Introduction of the Seminar:

World Bamboo Day is celebrated on 18th September in every year. To celebrate this day The Seminar on Bamboo has been organised in Smt. Sharda Pai Auditorium. The main aim of the seminar was to create awareness of various possibilities of Bamboo construction. It intended to give path to reduce dependency on conventional materials so that we reduce Carbon footprint, and we can further achieve sustainable developments.

2. Objectives of the Seminar:

- Understanding the various application of Bamboo in Exterior and interior spaces.
- To create awareness about bamboo in different regions.
- To understand its production techniques

3. Beneficiaries of the Event:

- UG Students (Architecture, Design and Construction related Fields)
- PG Students (Architecture, Design and Construction related Fields)
- Research Scholars
- Academicians and Industry Professionals
- Farmers

4. Details of the Speakers:

Mr. Pasha Patel is Governing Council Member, Bureau of Indian Standard (BIS) Govt. of India. He is member, Board of trade, Ministry of Commerce & Industry. He is pioneer in promoting Bamboo in various part of India. He has proposed various policy guideline & got implemented in various Government Documents. He is very much passionate to spread message about the possibility of Bamboo. He conducted various seminar and conferences in India as well as Abroad. He has devoted his whole life to facilitate bamboo related studies, its application & preservation strategies to farmers & academicians.

Mr. Sanjeev Shashikant Karpe is a qualified Electrical Engineer has been associated with bamboo Industry for last eighteen years and has pioneered the work in setting up of self-sustainable bamboo-based enterprise in rural India. He is a Founder and Director with Konkan Bamboo & Cane Development Centre (KONBAC), an organization working for sustainable development through use of bamboo as a resource & implementing various bamboo projects successfully for last 17 years. He is also an Expert member on the steering committee of “INBAR

Task Force – Bamboo Construction”. International Network for Bamboo & Rattan (INBAR) is an Intergovernmental body having 48 member countries and headquartered at Beijing, China

He is also National governing council member of Bamboo Society of India, Bangalore, a not-for-profit organization (NGO) working for promotion of bamboo in the country for last 40 years.

His specialties include:

- Provide training to use Bamboo with hands on experience.
- Strong communication and presentation skills
- Strong Ability to connect with and relate to students & farmers
- Dynamic team player and an Effective speaker

5. Brief Description of the event:

Faculty of Design conducted a seminar on ‘**Bamboo**’ to give awareness to students, researchers, academicians, and Farmers. On the auspicious occasion of world Bamboo Day. Farmers as well as people’s representatives of surrounding villages were invited to participate the event. The poster has been circulated in the university portal so that MUJ user & students can get benefited. The event has been covered by various newspaper of Rajasthan and Maharashtra.

The Seminar was held in **Smt Sharda pai Auditorium** from **10.30 AM to 12.30 on 18th Sept. 2022 PM**. The event began with an inaugural session at 10:30 am. Ms Manya Sharma President FOD Student Council, FOD welcomed the speakers, dignitaries, farmers, and Students which was followed by Prof. (Dr) Madhura Yadav, Dean, Faculty of Design addressing the session. Thereafter, the Eminent speaker, Mr. Pasha Patel & Mr. Sanjeev Shashikant Karpe gave their expert lecture/Presentation related to different aspects of Bamboo. Hon arable Prof G.K. Prabhu, President MUJ shared his experience and gave very insightful thought related to Bamboo as sustainable material. People’s representatives also shared their views, farmers as well as students have actively participated in question answer sessions. Bamboo plantation ceremony was organised at the end of the event. Keynote speakers, Prof. G. K. Prabhu and dignitaries have participated with commitment that this type of event should be organised in regular interval. The event was concluded with vote of thanks by Ar. Sanjeev Pareek Assistant professor, SA&D to all speakers and Participants.

6. Media Coverage-

Punjab Kesari, 24 September 2022



Samachar Jagat, 24 September 2022



Ujjwal India, 24 September 2022

विश्व बांस दिवस के उपलक्ष्य में मणिपाल यूनिवर्सिटी जयपुर में कार्यक्रम
बांस की खेती अपनाने से खेती में होगी
आर्थिक क्रांति : पाशा पटेल

जयपुर, 23 सितम्बर (यू.पी.) जयपुर आर्थिक डेवलपमेंट स्टडीस के गवर्निंग बोर्ड के अध्यक्ष पाशा पटेल ने कहा कि बांस की खेती अपनाने से किसानों को मानवीय हस्तगत सुधारों और कृषि क्षेत्र में आर्थिक क्रांति आएगी।
बांस कम पानी और कम उपजाऊ जमीन में भी आसानी से उगा सकते हैं। मणिपाल यूनिवर्सिटी जयपुर में विश्व बांस दिवस के उपलक्ष्य में फेकल्टी आफ डिजाइन में हुए कार्यक्रम में पाशा पटेल ने कहा कि बांस की खेती में स्थानीय किसानों और उत्पादकों को बढ़ावा मिलेगा। उन्होंने कहा कि हमें अपने अपने



उत्पत्ती का पूरा परिचय करने के लिए हवा और पानी को अपनाया होगा। परंपरागत को संतुलित करने में बांस की खेती बहुत उपयोगी साबित हो सकती है। बांस की खेती को बढ़ावा देने के लिए किसानों को जागरूक किया। आयोजक और फेकल्टी आफ डिजाइन की टीम प्रो. मधुसूदन यादव ने कहा कि बांस की खेती के पहलू पर प्रकाश डाला और विचार रख पर रहे प्रयासों को जानकारा दो।

बांस की खेती अपनाने से किसानों को मानवीय हस्तगत सुधारों और कृषि क्षेत्र में आर्थिक क्रांति आएगी। बांस कम पानी और कम उपजाऊ जमीन में भी आसानी से उगा सकते हैं। मणिपाल यूनिवर्सिटी जयपुर में विश्व बांस दिवस के उपलक्ष्य में फेकल्टी आफ डिजाइन में हुए कार्यक्रम में पाशा पटेल ने कहा कि बांस की खेती अपनाने से किसानों को मानवीय हस्तगत सुधारों और कृषि क्षेत्र में आर्थिक क्रांति आएगी। बांस कम पानी और कम उपजाऊ जमीन में भी आसानी से उगा सकते हैं। मणिपाल यूनिवर्सिटी जयपुर में विश्व बांस दिवस के उपलक्ष्य में फेकल्टी आफ डिजाइन में हुए कार्यक्रम में पाशा पटेल ने कहा कि बांस की खेती अपनाने से किसानों को मानवीय हस्तगत सुधारों और कृषि क्षेत्र में आर्थिक क्रांति आएगी।

मराठवाडा नेता



राजस्थान देश व मानव जातीच्या रक्षणासाठी बांबू लागवड करा

मणीपाल युनिव्हर्सिटीमध्ये माजी आमदार पाशा पटेल यांचे आवाहन

बांबू लागवड चलयवळ गावागावापर्यंत पोहोचवणार

मणिपाल युनिव्हर्सिटीमध्ये 23 सितम्बर 2022 रोजी आयोजित झालेल्या 'विश्व बांस दिवस' कार्यक्रमात, माजी आमदार पाशा पटेल यांनी 'बांस लागवड' या विषयावर एक व्याख्यान देऊन, बांस लागवडला राजस्थान देशातील सर्व गावागावापर्यंत पोहोचवण्याचे आवाहन केले. पटेल यांनी म्हणून की, बांस लागवडला खेती क्षेत्रात एक महत्त्वाची भूमिका आहे. बांस लागवडला खेती क्षेत्रात एक महत्त्वाची भूमिका आहे. बांस लागवडला खेती क्षेत्रात एक महत्त्वाची भूमिका आहे. बांस लागवडला खेती क्षेत्रात एक महत्त्वाची भूमिका आहे.

Hindustan Express, 24 September 2022

समाज की सेवा करना और विकास में मदद करना विश्वविद्यालय का कर्तव्य : प्रो. प्रम



विश्व बांस दिवस के उपलक्ष्य में मणिपाल यूनिवर्सिटी जयपुर में कार्यक्रम

बांस की खेती अपनाने से खेती में होगी आर्थिक क्रांति - पाशा पटेल

जयपुर। बांस की खेती अपनाने से किसानों को मानवीय हस्तगत सुधारों और कृषि क्षेत्र में आर्थिक क्रांति आएगी। बांस कम पानी और कम उपजाऊ जमीन में भी आसानी से उगा सकते हैं। यह बात मणिपाल यूनिवर्सिटी जयपुर में विश्व बांस दिवस के उपलक्ष्य में फेकल्टी आफ डिजाइन में हुए कार्यक्रम में पाशा पटेल ने कहा।
उन्होंने कहा कि हमें अपने अपने पानी को अपने अपने पानी को अपनाया होगा। परंपरागत को संतुलित करने में बांस की खेती बहुत उपयोगी साबित हो सकती है। बांस की खेती को बढ़ावा देने के लिए किसानों को जागरूक किया। आयोजक और फेकल्टी आफ डिजाइन की टीम प्रो. मधुसूदन यादव ने कहा कि बांस की खेती के पहलू पर प्रकाश डाला और विचार रख पर रहे प्रयासों को जानकारा दो।

7. Images



1. Inaugural Address by Prof. (Dr.) Madhura Yadav, Dean, FoD



2. Introductory Lecture by Key note speaker-Mr. Pasha Patel and Mr. Sanjeev Shashikant Karpe



3. Sharing experience by Honorable Prof G.K.Prabhu
President MUJ

4.. Discussion session with Farmers & Peoples representatives




5. Greetings to key note speakers




6. Bamboo plantation ceremony near S.T.P. at MUJ Campus


8. Brochure of the event:



MANIPAL UNIVERSITY
JAIPUR



MUJ
IS FARM OF
RESILIENCE



FACULTY OF
DESIGN 

SEMINAR ON

WORLD
BAMBOO

DAY - 18 SEPT. 2022

KEYNOTE SPEAKERS

 <p style="font-weight: bold; margin: 5px 0;">Er. Sanjeev Karpe</p> <p style="font-size: 0.8em; margin: 0 0 5px 0;">Founder & Director with Konkani Bamboo & Cane Development Centre (KONBAC)</p> <p style="font-weight: bold; margin: 0 0 5px 0;">'BAMBOO VALUE ADDITION'</p>	 <p style="font-weight: bold; margin: 5px 0;">Mr. Pasha Patel</p> <p style="font-size: 0.8em; margin: 0 0 5px 0;">Governing Council Member Bureau of Indian Standards (BIS) Govt. of India</p> <p style="font-weight: bold; margin: 0 0 5px 0;">'BAMBOO PLANTATION'</p>
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ORGANISED BY
FACULTY OF DESIGN
MANIPAL UNIVERSITY JAIPUR

VENUE : Sharda Pai Auditorium

TIME : 10:30 am - 12:30 pm

DATE : 18 Septemeber 2022

Faculty Coordinator
Ar. Sanjeev Pareek
+91 9783403061





9. Schedule of the event

S.No.	Description	Time
1	Introduction & welcome note by Manya Sharma Student council president	10.30 AM
2	Presentation of Bouquet to Mr. Sanjeev Shashikant Karpe and Mr. Pasha Patel by Prof (Dr.) Madhura Yadav and Prof (Dr.) Sampath kumar Padmanabha Jinka	10.35 AM
3	Welcome Address by -Prof (Dr.) Madhura Yadav, Dean Faculty of Design	10.40 AM
4	Presentation on Bamboo Plantation by Mr Pasha Patel.	10.45-11.30
5	Presentation on Bamboo Value Addition by Mr . Sanjeev Shashikant Karpe.	11.30-12.15
6	Vote of Thanks By Ar. Sanjeev Pareek	12.15 PM
7.	Bamboo Plantation Ceremony	12.30 PM

10. Attendance of the Event:

WORLD BAMBOO DAY ORGANISED BY FACULTY OF DESIGN
(18th SEPTEMBER 2022 - Sri Sumanji Auditorium)

① राजपाल जाट, B-22, आनन नगर, जयपुर-3, 9414030250

(2) श्रीमती सारण } 9672155999
भूषणी, जौहड़ } 8411128619
भास्करा, जयपुर

3. श्रीमती सारण } 0141-9887718980 WhatsApp
शुभ. लक्ष्मीका व. शर्मा }
आनन नगर, जयपुर } 6377987631
निवा. जयपुर

4. श्रीमती सारण } 9829716554
शुभ. लक्ष्मीका }
आनन नगर, जयपुर } 8003297657
निवा. जयपुर

5. श्रीमती सारण } 8947501615
शुभ. लक्ष्मीका }
आनन नगर, जयपुर }

6. Satyanarayan Sharma 9887852354

7. Prahladkumawat Dhamsi kala 7230080228

8. श्रीमती सारण } 9329234668
शुभ. लक्ष्मीका }
आनन नगर, जयपुर }

9. श्रीमती सारण } 9829257885
शुभ. लक्ष्मीका }
आनन नगर, जयपुर }

10. श्रीमती सारण } 7340656620
शुभ. लक्ष्मीका }
आनन नगर, जयपुर }

11. श्रीमती सारण } 9214561945
शुभ. लक्ष्मीका }
आनन नगर, जयपुर }

12. Manish Bujalal 8852822807

13. श्रीमती सारण } 9828152007
शुभ. लक्ष्मीका }
आनन नगर, जयपुर }

14. श्रीमती सारण } 9587481221
शुभ. लक्ष्मीका }
आनन नगर, जयपुर }

15. श्रीमती सारण } 9414344722
शुभ. लक्ष्मीका }
आनन नगर, जयपुर }

16. श्रीमती सारण } 9850083472
शुभ. लक्ष्मीका }
आनन नगर, जयपुर }

17. श्रीमती सारण } 931218210
शुभ. लक्ष्मीका }
आनन नगर, जयपुर }

18. श्रीमती सारण } 807271111
शुभ. लक्ष्मीका }
आनन नगर, जयपुर }

19. श्रीमती सारण } 926608144
शुभ. लक्ष्मीका }
आनन नगर, जयपुर }

20. श्रीमती सारण } 9869489148
शुभ. लक्ष्मीका }
आनन नगर, जयपुर }

21. श्रीमती सारण } 8240914143
शुभ. लक्ष्मीका }
आनन नगर, जयपुर }

22. श्रीमती सारण } 782808156
शुभ. लक्ष्मीका }
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शुभ. लक्ष्मीका }
आनन नगर, जयपुर }

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आनन नगर, जयपुर }

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शुभ. लक्ष्मीका }
आनन नगर, जयपुर }

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शुभ. लक्ष्मीका }
आनन नगर, जयपुर }

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आनन नगर, जयपुर }

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आनन नगर, जयपुर }

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आनन नगर, जयपुर }

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आनन नगर, जयपुर }

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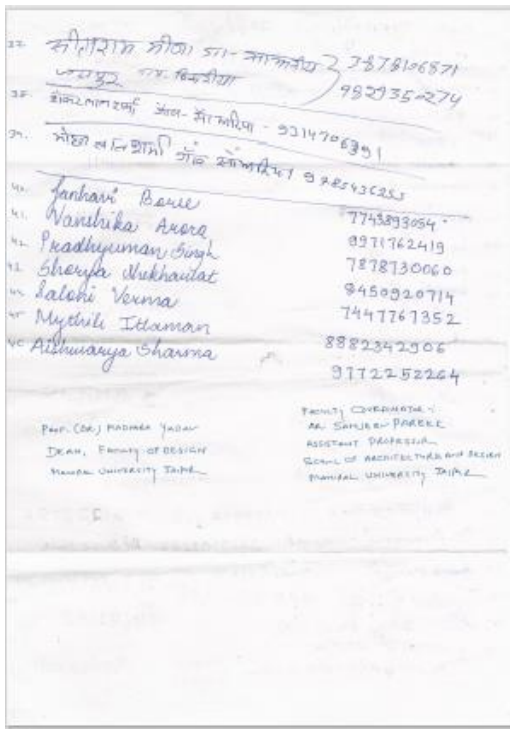
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आनन नगर, जयपुर }

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आनन नगर, जयपुर }

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शुभ. लक्ष्मीका }
आनन नगर, जयपुर }

38. श्रीमती सारण } 980040593
शुभ. लक्ष्मीका }
आनन नगर, जयपुर }



11. Weblink:

<https://www.youtube.com/watch?v=wi4edh5WyOo>

12. Event Coordinators:

- **Ar. Sanjeev Pareek** (Assistant Professor, SA&D)

Ar. Sanjeev Pareek (Assistant Professor, SA&D)



**MANIPAL UNIVERSITY
JAIPUR**

FACULTY OF Design

SCHOOL OF ARCHITECTURE AND DESIGN

**“Two Days Workshop on Site Analysis by Ar. Akshay Kaul” at
Manipal University Jaipur**

Date of Event (10/10/2022 – 11/10/2022)



Contents of the Report

1. Introduction of the Event
2. Objective of the Event
3. Beneficiaries of the Event
4. Details of the Guest
5. Brief Description of the event
6. Photographs
7. Attendance of the Event
8. Feedback of the Event
9. Link of MUJ website



1. Introduction of the Event

The School of Architecture and Design, Manipal University Jaipur, organized Two Days Workshop on Site Analysis with the eminent landscape architect Akshay Kaul as the resource person for the students of 5th year B.Arch and 1st year M.Arch to guide the students with the contour sites in their major projects. The intent of the workshop is sensitised the students for the strategical and sensitive Planning and Design with Nature.

The hands-on workshop bridge the gap between theory and practice in the profession, allowing them to learn and understand the basic fundamentals of handling the site. During the program Dr. Madura Yadav (Dean FoD), Prof. Sunanda Kapoor (Head SA&D) etc. were present. The program was coordinated by Kinzalk Chauhan from the Department of Architecture.

2. Objective of the Event

- Understanding the fundamentals of Land topography which influences built form and performance.
- Students will learn about natural processes and systems, principles and tools of site planning and site design.

3. Beneficiaries of the Event

More than 32 participants were present in the event.

- UG Students (5th year, B.Arch)
- PG Students (1st year, M.Arch)

4. Details of the Guests

Ar. Akshay Kaul (Professor Chair M.Arch - Landscape, MUJ) - Principal Landscape Architect - Akshay Kaul and Associates. Akshay Kaul specializes in the field of ecological planning, landscape and sustainable architecture and possesses more than 20 years of experience in India and USA. His is one of the only landscape architecture firms in India that has been doing sustainable landscape for more than 15 years in India. He received his Master's degree in Landscape Architecture from College of Environmental Science and Forestry, State University of New York, Syracuse, USA. He has worked for Peter Walker William Johnson and Partners, on international projects in Asia, Europe and USA. He has received International Award for Living Design City Competition for Sustainable Cities – 2011. He has also won the International Competition Design for South Asian University.

5. Brief Description of the event

School of Architecture and Design conducted a two-day workshop on 'Site Analysis' to acquaint students with the strategical and sensitive Planning and Design with Nature. The workshop intended

to enhance the process of solving design problems by encoding design decisions through the language of contours.

The workshop was held at MUJ campus from 10th to 11th October 2022. The event began with an inaugural session on 10th October 2022 at 10:00 am. Ar. Kinzalk S Chauhan, SA&D welcomed the participants, guests and dignitaries which was followed by Prof. (Dr.) Madhura Yadav, Dean, Faculty of Design addressing the session.

Thereafter, the workshop Expert, Ar. Akshay Kaul was introduced to all the participants. The two day workshop was rigorously conducted by the expert. Ar Akshay Kaul started the workshop giving overview of landscape architecture and importance of site analysis as a prelude to any Site Planning and Design Process.

The workshop was divided in five module, starting with elevation mapping, Watershed mapping, Slope Analysis, Vegetation mapping and concluded with synthesis map for design intervention.

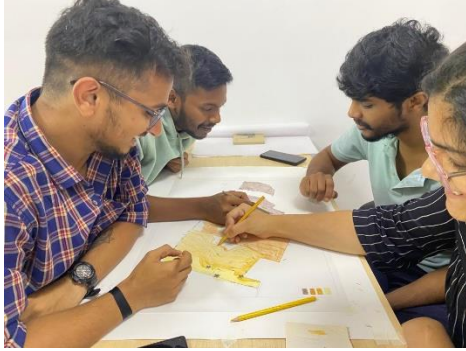
Each module was started with the introductory presentation by Ar Akshay Kaul for 20 mins and followed by hand on analysis students for 2 -3 hrs.

8 different contoured sites were given to the students in a group of two students and each site comprised of 5 sheets (Elevation map, Watershed map, Slope Analysis map, Vegetation map and synthesis map for design intervention map).

6. photographs of the event with captions



Ar. Akshay Kaul during Presentation



Hands-on Exercise for the students



Discussion with the students

7. Attendance of the Event

S.No	Name of Student
1	Ayushi Saini
2	Tanya Bansal
3	Tamisra Saha
4	Divij Mathur
5	Nehal Jindal
6	Vardhan Ashutosh
7	Saihej Barara
8	Kshitij Saraf
9	Ninad Paradkar
10	Sahil
11	Janhvi Shrivastava
12	Mukul Parashar
13	Dakshi Mathur
14	Shantanu Bansal
15	Anjali Yadav
16	Reetika Tandon
17	Shreya Pal

18	Trisha Chowdhury
19	Niharika Ajmera
20	VERTIKA BAJAJ
21	SURABHI SINHA
22	ANANVAY PARASHAR
23	TANYA SINGH
24	ADITI VERMA
25	MRUNALINI
26	BHAVARTH GARG
27	SHUBHAM PRIYADARSHI
28	MANYA SHARMA
29	RIDDHI AGRAWAL
30	Kaushal
31	Abhik Sahoo
32	Jishnuve

8. Feedback of the Event

• The workshop helped me in the understanding of contours & analyse the site in positive way

• Through various tasks learnt the value of understanding the site more gently.

Mukul Parashar

LANDSCAPE WORKSHOP
- ARAKSHAY KALLI

Thank you so much for conducting this workshop. Sir, really very honoured. Rather than just academic, you taught us a way to life. Not to ~~keep~~ ^{set} your goals low was the one best line I always say to myself. Thank you sir for encouraging me. Lastly, sir you helped me solve all my ~~last~~ doubts regarding the site analysis of my thesis project!!!

This hands-on 2 day workshop helped me change my perspective on landscape understanding spectrum. It stated facts and had fun activities that at the end taught a lot about site, topography, contours and gradient. Thank You.

- Nehal Jindal

This hands-on 2 day workshop helped me change my perspective on landscape understanding spectrum. It stated facts and had fun activities that at the end taught a lot about site, topography, contours and gradient. Thank You.



9. Link of MUJ website stating the event is uploaded on website

<https://jaipur.manipal.edu/content/dam/manipal/muj/fod/Document/eventlist/Site%20Analysis%20Workshop%20by%20Ar.%20Akshay%20Kaul.pdf>

Faculty Coordinator

Ar. Kinzalk S Chauhan

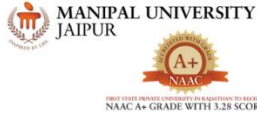
The Role of Manipal University Jaipur in International Collaboration for SDG Data Gathering and Measurement

Manipal University Jaipur, with its wealth of academic expertise, research capabilities, and global networks, plays a fundamental role in the collection, analysis, and measurement of data related to the SDGs. The involvement spans a wide spectrum of activities, including conducting research, collaborating with international bodies, and establishing data-gathering methodologies.

Manipal University Jaipur engages in comprehensive research initiatives, employing a multidisciplinary approach to assess and gather data related to the SDGs. These research endeavors often transcend geographical boundaries, involving collaborations with international partners, research institutions, and global organizations. By leveraging diverse resources and perspectives, Manipal University Jaipur contributes to a more comprehensive understanding of the complex challenges underlying each SDG. Manipal University Jaipur is at the forefront of establishing robust methodologies for data collection and measurement. Its scientific rigor and commitment to accuracy play a vital role in ensuring that the data gathered is reliable and adheres to international standards. Whether it is environmental sustainability, poverty, health, education, or other SDG-related aspects, Manipal University Jaipur employs advanced techniques to collect, analyze, and interpret data accurately.

Manipal University Jaipur actively collaborates with international bodies and organizations dedicated to the SDGs. These partnerships foster a collaborative environment for sharing best practices, standardizing data collection methods, and ensuring consistency in the reporting of progress. These partnerships aid in establishing a global framework for data collection, making the information gathered universally comparable and reliable. Manipal University Jaipur contributes to capacity building by sharing knowledge and expertise. Through international collaboration, it supports other institutions, particularly in developing regions, in enhancing its capabilities for data gathering and measurement. This knowledge exchange empowers diverse communities to contribute meaningfully to the global effort of achieving the SDGs. The data collected and measured through these international collaborations serve as the backbone for decision-making processes. Governments, policymakers, NGOs, and international organizations rely on this data to assess progress, identify challenges, and tailor policies and interventions. The global relevance of this data is instrumental in fostering a shared understanding of the status of each SDG and steering collective action toward sustainable development.

Through research, partnerships, and knowledge sharing, Manipal University Jaipur contributes significantly to establishing a solid foundation of reliable data, which is essential for informed decision-making and collective efforts towards achieving the Sustainable Development Goals on a global scale.



April 27, 2022
Wednesday
10:00 AM- 12:00 PM



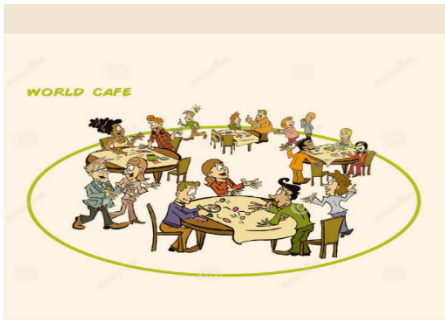
Department of Economics
School of Humanities and Social Sciences

Manipal University Jaipur

Presents

The WORLD CAFE

UNDERSTANDING SDGs



**MANIPAL UNIVERSITY
 JAIPUR**

Manipal University Jaipur (MUJ) was launched in 2011 on an invitation from the Government of Rajasthan, as a self-financed State University. MUJ has redefined academic excellence in the region, with the Manipal way of learning; one that inspires students of all disciplines to learn and innovate through hands on practical experience.

**A creative process
 for leading
 collaborative
 dialogue, sharing
 knowledge and
 creating
 possibilities for
 action in groups of
 all sizes.**

Convener
Mrs Minali Banerjee
+91 78 77 37 87 66
minali.banerjee@jaipur.manipal.edu

**DEPARTMENT OF
 ECONOMICS**

The Department of Economics at School of Humanities and Social Sciences is committed to provide students with elective mix of pure practical, analytical as well as theoretical knowledge in the areas of micro economics, macro economics, industrial and managerial economics, comparative economic policy issues, money and banking systems, international economics, quantitative analytical methods, understanding Indian and International economy and its system as well as the upcoming fields such as transport economics, environmental economics, energy economics, financial and Public economics, urban and regional economics etc. The Department offers Undergraduate, Postgraduate and PhD in Economics.

Monika
 Dr. Monika Mathur
 Head, Department of Economics
 Manipal University Jaipur

The World café- Understanding SDGs

April 27, 2022

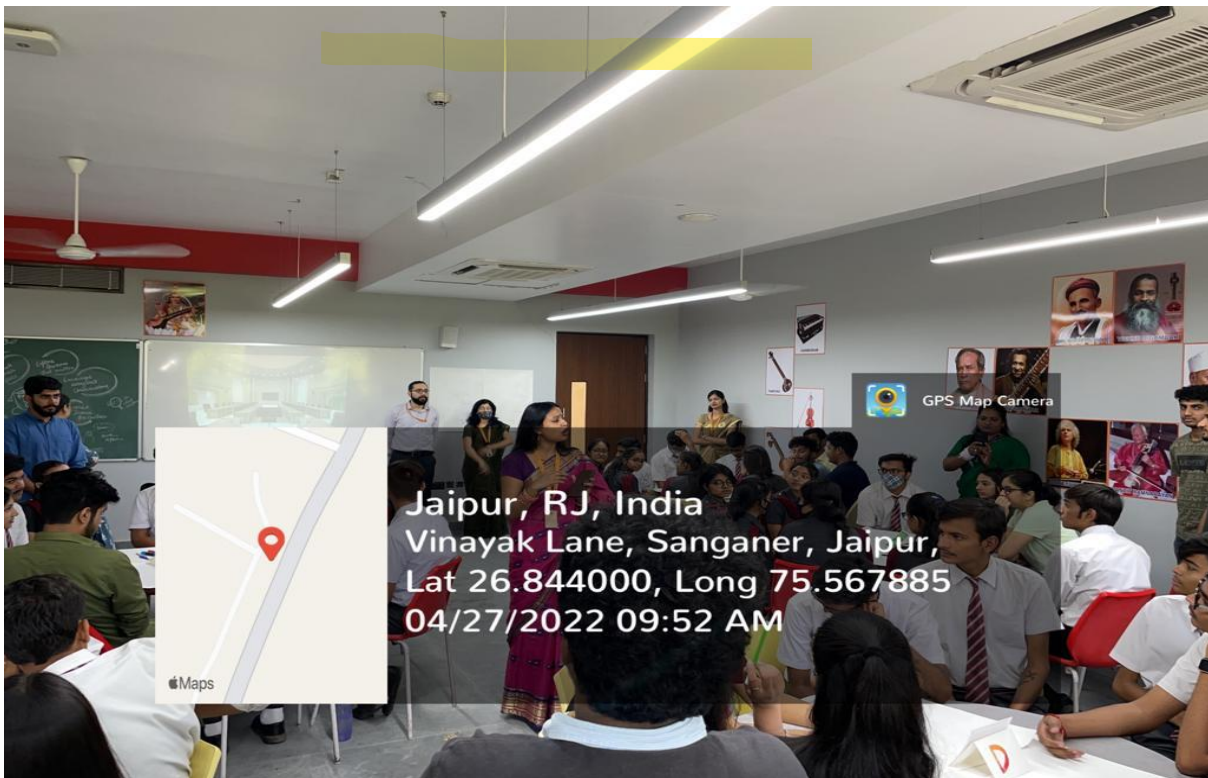
Introduction:

A school connect activity titled the World café was organised by the Department of Economics, School of Humanities and Social Sciences, Manipal University Jaipur on 'Sustainable Development Goals. Fifty-eight students of class XII from Spring field school, Mansarovar Jaipur, participated. The aim was to make students self-reflect and discuss some of the emerging global issues.

The three rounds of discussion took place on Poverty, Quality education, good health, climate action, responsible consumption, Economic growth, gender equality, and clean water. The students participated very enthusiastically. The discussion took place informally in a café setup. The students reflected on these issues by colouring their ideas into the chart papers.

The event winds up with some career counselling sessions.

Photographs:



Students participating in the activity



Students participating in the activity



Collage of different student tables

Monika
Dr. Monika Mathur
Head, Department of Economics
Manipal University Jaipur

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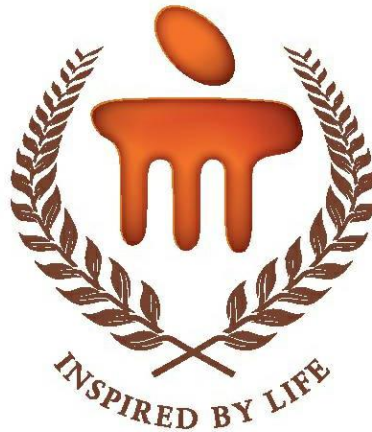
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Dev Bhandari	7597457875	devsinghbhandari06@gmail.com	Rakesh Singh Bhandari	9460435770

Link: <https://jaipur.manipal.edu/content/dam/manipal/muj/foa/Document/event-economics/The%20World%20caf%C3%A9-%20Understanding%20SDGs.docx>.


Dr. Monika Mathur
Head, Department of Economics
Manipal University Jaipur

MUJ/DSW/Student Clubs/2022/Biotech Club MUJ/19th November



DIRECTORATE OF STUDENTS' WELFARE

LIVE WEBINAR

ON

SUSTAINABILITY OVER FACTORY FARMING AND DISEASE

Department of Biosciences & Biotech Club, Manipal University Jaipur

Date of Event (19th November, 2022)

(Platform: Google Meet)



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1. Introduction of the Event

With the growing population size, there is a huge demand of food resources and to cater these resources we are fatally upsetting the environmental balance. In today's scenario where most of our food from farm to fork comes from animal derived sources, the deterioration of natural resources such as air, water, land, etc. is unimaginable. Even if we do not account for textile, biomedical research, fabrics, etc. the data from animal derived food production (meat, eggs & dairy) reflects that animal derived food production in proportion to carbon emissions is unsustainable.

Therefore, The Department of Biosciences & Biotech Club along with Directorate Of Student Welfare & Humane Society International organized a 'Live Webinar' on 19th November, 2022. The convenor – Dr. Mousumi Debnath, Faculty Coordinator, Biotech Club, invited Mr. Raven E. Joseph who is the Institutional Meat Reduction Campaigner for Humane Society International.

Through this webinar we aim to make people realise their responsibility towards a more sustainable approach as our current unsustainable utilization of billions of animals every year results in disease outbreaks, animal cruelty, malfunctioning of animal lives in industrial farms, food borne illnesses, dietary & nutrition imbalance, metabolic disorders, etc.

Objectives of the Event

- To ignite the sensibility of individuals about their liability towards a sustainable one health approach.
- To insightfully aggravate an intellectual set of information to the attendees so that they can understand the grave environmental condition linked to our food culture and practices.
- To enlighten the individuals about the problems associated and solutions that can be utilized in their own individual lives, professions, public circles, environmental setups, etc.
- To make them conscious individuals of a globally sustaining environment

2. Beneficiaries of the Event

- MUJ Students

3. Brief Description of the event

Conducted under the direction of the Founder Faculty Coordinator, Biotech Club, Dr. Mousumi Debnath, Faculty of Biosciences, this Live Webinar solely aimed in motivating people towards a sustainable living.

Mr. Raven E. Joseph, is the Institutional Meat Reduction Campaigner for Humane Society International. was called up to talk on the topic. Anshulika Saxena, the Vice President of the Biotech Club gave a welcoming address at the beginning of the event and introduced the distinguished faculty, the guest speaker, and the webinar's theme.

The event commenced with Mr. Raven acquainting the students with the topic of the webinar. He explained topics which included the working of poultry farms, unfavourable circumstances, and weakening studies performed on animals. He discussed safer and more sustainable food options as well as alternatives to meat generated by animals for the sake of sustainable

development for us and the next generation. The webinar also covered the 3 R Policy, otherwise known as reduction, replacement, and refinement.

This webinar presented a pathway to veganism for the welfare of animals. After the presentation, there was a question-and-answer period in which the speaker was questioned on a range of topics. All of the questions were answered quickly. The event was quite enlightening and instructive.

Photographs

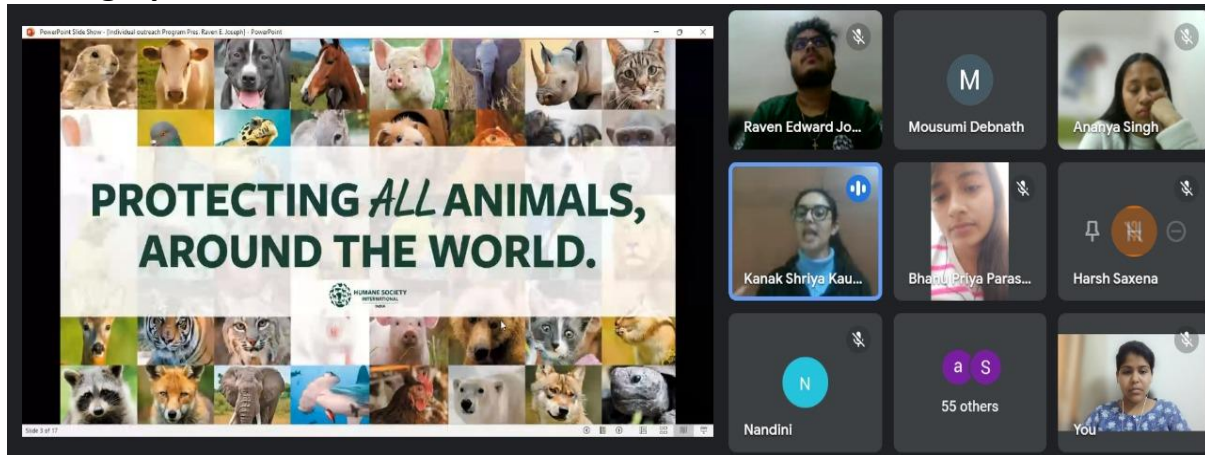


Fig 1: Introduction of the topic of Webinar



Fig 2: Live Webinar on 'Sustainability over factory farming and disease.'

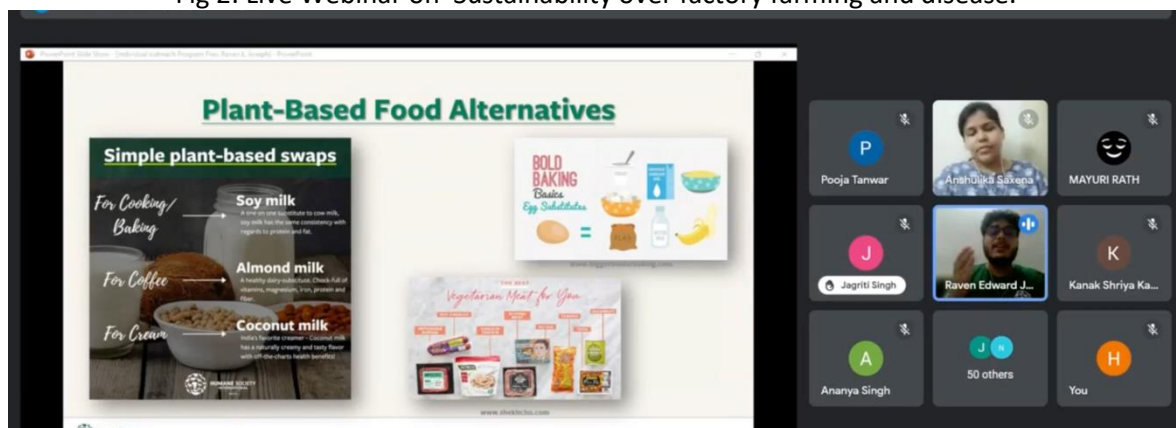


Fig 3: Live Webinar on 'Sustainability over factory farming and disease.'



Fig 4: : Mr. Raven engaging the students to explain the 3-R Policy'

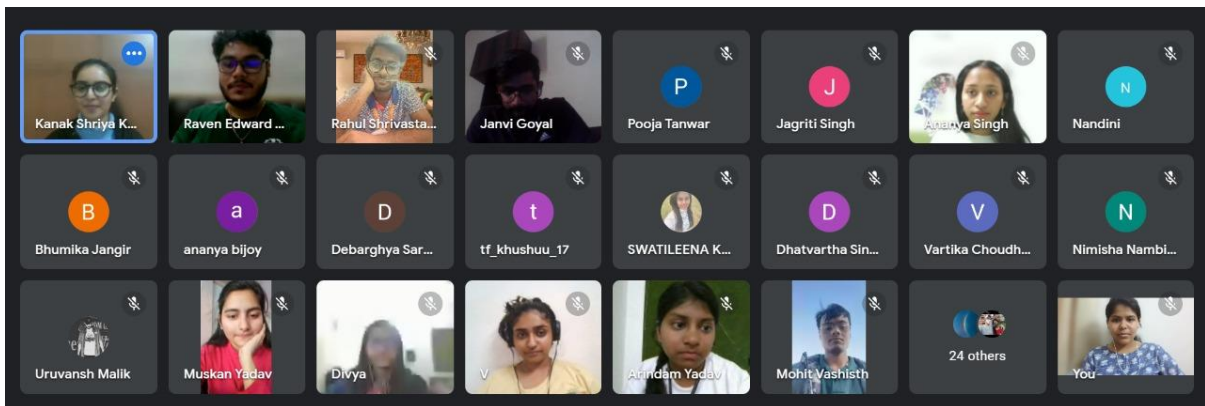


Fig 5: Attendees in the Live Webinar

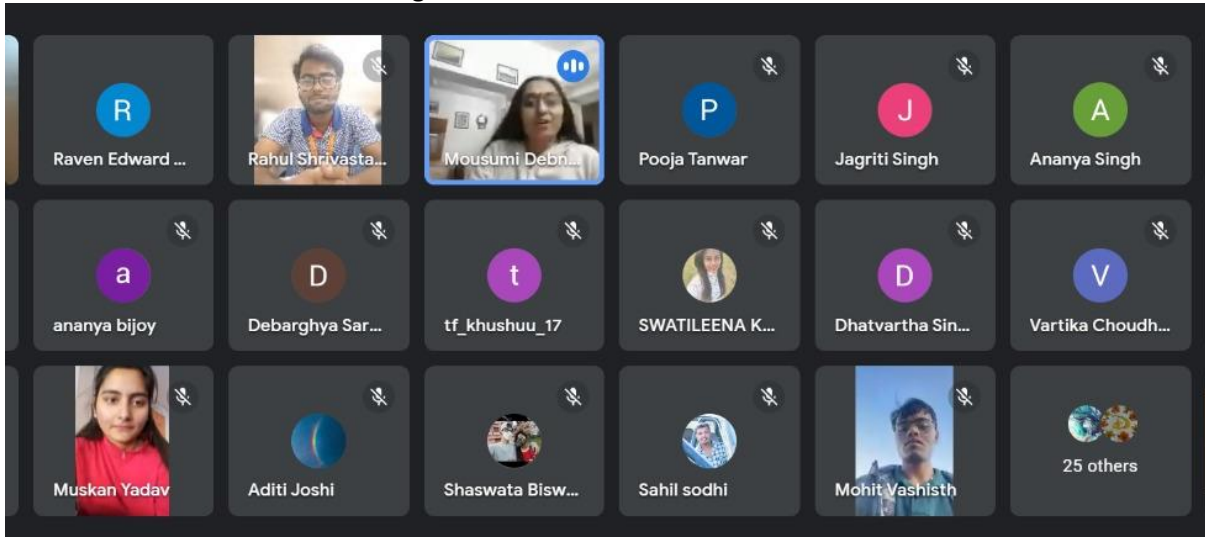


Fig 6: Attendees in the Live Webinar



4. Brochure or Creative of the Eve

 **MANIPAL UNIVERSITY
JAIPUR**
(University under Section 2(f) of the UGC Act)

 **MUJ**
IN HANDS OF EXCELLENCE

 **ACCREDITED WITH GRADE
A+
NAAC**

 **Biotech Club**

 **HUMANE SOCIETY
INTERNATIONAL
INDIA**

**DEPARTMENT OF BIOSCIENCES AND BIOTECH CLUB
ALONG WITH
DIRECTORATE OF STUDENT WELFARE &
HUMANE SOCIETY INTERNATIONAL | INDIA
PRESENTS
A LIVE WEBINAR
ON
SUSTAINABILITY OVER FACTORY FARMING AND DISEASE
JOIN US ON: Google Meet | 19th November | Saturday | 3PM to 4PM**



OUR SPEAKER
Mr. Raven E. Joseph
Institutional Meat Reduction Campaigner

CONVENOR: Dr. Mousumi Debnath
Faculty Coordinator, Biotech Club

Register now!



For any queries contact:
biotechclubmuj@gmail.com
Ananya Singh 9423043461
Harsh Saxena 7007027383



5. Schedule of the event

The event was on the 19th November, 2022 from 3:00 PM- 4:00 PM on Google Meet.

8. Attendance of the event:

S.No.	Name	Registration No.
1.	Nimisha Nambiar	211002001
2.	Vanshika Singh Chauhan	211002055
3.	Gaurav Vishwakarma	211002033
4.	Nandini Tungaria	211003001
5.	Debaghya Sarkar	211002015
6.	Divya	211002056
7.	Sneha Srivastava	211002042
8.	Suhani pareek	211002062
9.	Priyasha Paul	211002035
10.	Anshulika SAXENA	211002053
11.	Saloni	211002057
12.	Yachna Jain	221003007
13.	Prachi Jain	221002016
14.	Vedica Nathawat	221003006
15.	Sylvia Parveen	211003009
16.	Raghav Kochar	221002062
17.	Vishnu Priya	211002028
18.	Anushka Singh	211002004
19.	Sakshi Nirmal	211002060
20.	Sowvhik parvej	211002007
21.	AKASH CHANDRA	221002028
22.	Aditi Joshi	221002029
23.	Manisha Verma	211002010
24.	Anvarshu Gopal	211002011
25.	Priya Agarwal	211002006



26.	Muskan Yadav	211002040
27.	Ananya Singh	201002002
28.	Ayushi Gupta	201002029
29.	Shashwata Biswas	211002017
30.	Pooja Tanwar	221002068
31.	Ojas bathla	221002055
32.	Harsh Saxena	201003004
33.	Labhanshi sharma	211002058
34.	Aryan Singh	211002032
35.	Rochita Bani	211002039
36.	Archita Vyas	211003006
37.	Nikita Sharma	201002012
38.	Agnivesh Singh	221002051
39.	Divyanshu joshi	221002056
40.	Uruvansh Malik	
41.	Tanya Barua	221002065
42.	Shashi Anand	201003010
43.	Ayush Rathore	211003012
44.	Soumya Sharma	221002066
45.	Harshita singh	221002070
46.	Krishna Kuntal	221007043
47.	Arindam Yadav	221003015
48.	Shivani Tiwari	211002002
49.	Yashashwani Mahajan	221002031
50.	Yatika Pareek	221002073
51.	Anshi Agarwal	211002008
52.	Mayuri Rath	221002021
53.	Ananya Bijoy	201002026
54.	Ishita Jha	211002030
55.	Bhanu priya	211014013



56.	Alok Kumar	
57.	Nandini Singh Shekhawat	221002048
58.	Aanchal Singh	221002026
59.	DHATVARTHA SINGH BAGHELA	221014013
60.	Tarini Rajput	211012019
61.	Rahul Shrivastava	211002050
62.	Vartika Choudhary	221002040
63.	Sana Dhebar	221007041
64.	Jay Bharti	211002046
65.	Bhumika Jangir	221014010
66.	Sakshi	201002031
67.	Jagriti Singh	221002042
68.	Sakshi Priya Kousik	221002018
69.	Pooja Tanwar	221002068
70.	Abhi Anand	211002049
71.	BVSS Chandra	
72.	Prisha Jain	221002061
73.	Shashank goyal	211002043
74.	Udita Rajput	221002049
75.	Jacqueline Pinto	221007044
76.	Gilchrist Singh Wahengbam	201002021
77.	Vedanshi Kakani	201002006



9. Event link:

<https://jaipur.manipal.edu/muj/life-at-muj/Student-CLUBS.html>

Ananya Singh


President, Biotech Cub MUJ

Signature of the Student Coordinator

Dr. Mousumi Debnath

School of Basic Science

Signature of the Faculty Coordinator

<p>DIRECTOR STUDENT WELFARE & PROCTOR MANIPAL UNIVERSITY, JAIPUR</p>	 <p>Dr. Arun Kumar Poonia Asst. Director, DSW Clubs</p>
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Manipal University Jaipur and NGOs Collaborating to Achieve the SDGs

The pursuit of Sustainable Development Goals (SDGs) necessitates collaborative efforts among various stakeholders. Manipal University Jaipur and non-governmental organizations (NGOs) have emerged as formidable allies in this collective endeavor, collaborating through student volunteering programs, research initiatives, and the development of educational resources to address the multifaceted challenges encapsulated by the SDGs.

Manipal University Jaipur, recognizing the importance of practical involvement, has fostered student volunteering programs in collaboration with NGOs. These programs provide students with hands-on experiences in addressing real-world issues related to the SDGs. Whether it is community development, environmental conservation, healthcare, or education, these initiatives empower students to actively contribute to society while gaining valuable practical knowledge and a deeper understanding of the challenges at hand. Collaborative research initiatives between Manipal University Jaipur and NGOs are pivotal in generating insights and solutions for the SDGs. These programs harness the expertise of both entities to conduct comprehensive studies and analysis, aiming to understand the root causes of various issues. They contribute significantly to evidence-based policymaking and the development of effective strategies to address these challenges. By combining academic rigor with on-the-ground knowledge, these research programs offer nuanced perspectives and actionable recommendations to drive sustainable change. Manipal University Jaipur and NGOs collaborate to develop educational resources that inform and inspire action. By creating curricula, workshops, and online resources, they aim to raise awareness and educate the next generation of leaders and change-makers on the importance of the SDGs. These educational initiatives provide the necessary tools and knowledge to instigate positive change, nurturing a global mindset and a sense of responsibility among students and the broader community.

The collaboration between Manipal University Jaipur and NGOs in tackling the SDGs through these various programs has a profound impact on both local and global communities. The active engagement of students through volunteering programs contributes directly to community development, while the research initiatives and educational resources developed foster a deeper understanding of the issues at hand, leading to informed action and policymaking. By leveraging the strengths of academia and the on-the-ground experience of NGOs, this collaboration fosters a synergy that is essential for tackling the challenges encapsulated by the SDGs. The impact of these initiatives transcends immediate outcomes, influencing mindsets, policies, and long-term sustainable development strategies. Collaborative efforts between universities and NGOs demonstrate a powerful synergy committed to achieving the SDGs. Through



**MANIPAL UNIVERSITY
JAIPUR**

(University under Section 2(f) of the UGC Act)



student engagement programs, research initiatives, and educational resources, this partnership showcases a commitment to a sustainable and equitable future.



Manipal University Jaipur is actively partnering with local NGO and State government initiatives to work towards sustainable goals.

Appreciation letter received by NGO's and Local government body

PWNR/2022/183

DATE: 10/12/2022

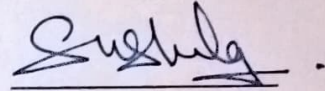
TO WHOMSOEVER IT MAY CONCERN

Department of psychology in collaboration with DSW, Manipal University Jaipur visited Aashray Care Homes (orphanage) and organized an event 'Personal Health, Hygiene & Peer support for mental health' for the underprivileged female students of the orphanage on 9th November 2022.

The event was well coordinated by the students of Psychology department. It was a social connect activity where students of Manipal University Jaipur interacted with students and helped them explore their creativity skills through fun activities.

Dr. Gargi Sharma, faculty coordinator (Department of Psychology) and Mr. Hemant Kumar (DSW) played an important role in the success of the event.

We would like to appreciate Manipal University Jaipur for conducting this activity at Aashray Care Homes



Thanks & Regards,

Sushila
Secretary



न्यूटेक औद्योगिक प्रशिक्षण केन्द्र, बगरु

(Affiliated to NCCT, Ministry of Labour, Govt. of India)

(Administered by Directorate of Technical Education, Jodhpur) (Rajasthan)


लाम्बा मोटर्स के पीछे, नेशनल हाईवे - 8, बगरु (जयपुर) फोन : 0141-2864477, 8696384444, 9461818182, ई-मेल : pvt_iti_p199@yahoo.in

क्रमांक : NITC/ 359

दिनांक 19/12/22

We would like to appreciate Department of Mechatronics engineering, Kamlabai charitable trust India and Directorate of students welfare, Manipal University Jaipur for their support during the school connect activity at Newtech Pvt. ITI college, Bagru. This kind of social activities will definitely help the rural students to upgrade their knowledge in recent technologies. Newtech Pvt. ITI College Bagru always participates and encourages such kind of activities for uplifting the rural students. We are happy to be a part of your social activities in future also.

Thank you.


प्रधानाचार्य
न्यूटेक औद्योगिक प्रशिक्षण संस्थान
बगरु, जयपुर राजस्थान



Rotary International President
Rtn Jennifer Jones

District Governor
Rtn Dr Balwant Singh Chirana

President
PHF Rtn Radhey Shyam Gupta
D-13, Indra Puri Colony, Lal Kothi,
Jaipur, Rajasthan 302015 (India)
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Sergeant at Arms
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TO WHOMSOEVER IS CONCERN

Directorate of Students' Welfare and Your One Life (YOL) along with Rotary Club Jaipur, Bapu Nagar conducted a National Happiness Yatra campaign among the students at Manipal University Jaipur involving the students from NSS, NCC, DSW and the Rotaract Club MUJ. Event was well coordinated, where students were given information regarding the Happiness Index and related topics.

We would like to appreciate Directorate of Students' Welfare, Manipal University Jaipur for the efforts made towards the betterment of the Society as well as for students.

Regards

Rtn Meeta Mathur
Secretary



आशादीप संस्थान

Asha deep Sansthan

- 20/202, Kaveri Path, Mansarovar, Jaipur-302020 Raj. (India)
- 91 - 9887695733, 9982903860
- ashadeepjpr2003@gmail.com
aatamnirbharoldagehome@gmail.com
- www.ashadeepsansthan.org

Date:03/10/2022

To Whom it may concern

Department of physics in association with society Connect, directorate of student welfair ;NSS and COSMOS- The Science club of Manipal University Jaipur, has organized a social Connect Event " Donation

We appreciated Manipal University Jaipur for the efforts and express our gratitude toward them.

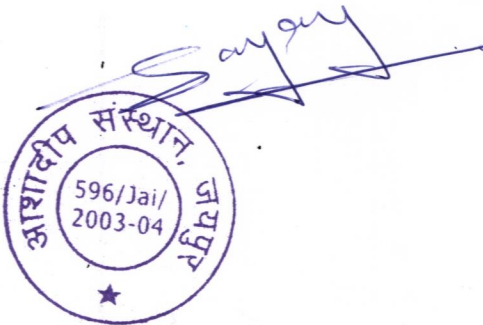
The Event was well Coordinated by student of Cosmos – The Science Club of MUJ. It Was a societal-connect activity where student of Manipal university Jaipur interacted with elders of Atamnirbhar Vraddhashram and donate groceries/ ration to the Asharm.

Dr.Ashima Bagaria, Dr. Rashi Nathawat, Dr. Manoj Kumar sainsi Dr. Uvais VN and Mr. Hemant Kumar

Played an important role in the success of the event.

Drive at Atamanirbhar Vaidhashram on 03 october 2022.

(Every Wrinkle has a Story to Tell....)



Old Age Home, Community that really need your help



बाल अधिकारिता विभाग, राजस्थान सरकार द्वारा मान्यता प्राप्त

**FAITH NARAYANI DEVI SOCIAL WELFARE, HEALTH CARE
RESEARCH AND EDUCATIONAL SOCIETY (Regd.)**

के द्वारा संचालित

Regd. No. - 344 Jaipur 2012-2013

मातृ छाया बाल गृह

विश्वास के साथ..... आपका हाथ.....

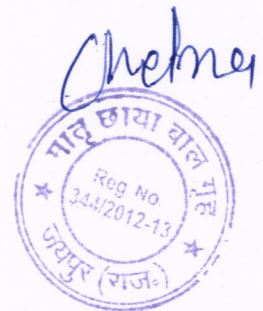
Branch Office :- 134-B, Govind Vihar Colony, Gandhi Path West, Vaishali Nagar, Jaipur
E-mail : matrachayabalgrah@gmail.com | Mob No. 9829118962, 9079021478

Sr. No.....

Date... 25/11/22.

Dear Sir,

We are honoured to award the
Letter of Appreciation for donation from
Directorate of Student Welfare of-
Manipal University Jaipur named as
Matra Chaya Baal Grah on 25th Nov 22.





दिनांक : 25.11.2022

प्रतिष्ठा मे,
डायरेक्टरेट ऑफ स्टुडेंट वेलफेयर,
मनीपाल विश्वविद्यालय जयपुर,
अजमेर रोड़, जयपुर।

महोदय,

आपको विदित है कि सुरमन संस्थान पिछले 21 वर्षों से निराश्रित एवं परित्यक्त बच्चों के पुनर्वास के क्षेत्र में कार्यरत है, इस कार्य हेतु संस्था द्वारा किसी प्रकार की सरकारी वित्तीय सहायता प्राप्त नहीं की जाती है। संस्था में आवासित 110 बच्चों के पालन - पोषण हेतु संस्था सचिव श्रीमती मनन चतुर्वेदी अलग - अलग शहरों में 24 - 24 घण्टे लगातार पेन्टिंग शो करके, शो में निर्मित पेन्टिंग के विक्रय से अर्जित राशि व समाज के सहयोग से बच्चों का पालन - पोषण व संस्था का संचालन कर रही है।

हम आभारी हैं आपके कि आपने आपके विश्वविद्यालय के विद्यार्थियों को समाज के कार्य से अवगत कराते हुये, सभी विद्यार्थियों से संस्थान के बालक/बालिका गृह हेतु 15,000/- रूपये का आर्थिक सहयोग दिलवाया है, इस राशि का उपयोग बच्चों की शिक्षा हेतु किया जायेगा।

संस्था का यह मानना है कि संस्था सेवा के इस कार्य को समाज के सहयोग से ही निरन्तर कर पा रही है, हमें आशा ही नहीं अपितु पूर्ण विश्वास है कि भविष्य में भी आपका सहयोग एवं मार्गदर्शन संस्था को प्राप्त होता रहेगा।

सादर।

भवदीय

मधु शर्मा

(मधु शर्मा)

अधिक्षक



SURMAN SANSTHAN

AN ISO 9001 : 2008 CERTIFIED

Balaji Apartments, A-35, Nemi Nagar, Vaishali Nagar Jaipur Ph. : 0141- 4011708, CHILD HELP LINE : +91 9828031708

E-mail : surmansanstan@gmail.com | Surmanhome@gmail.com URL : www.surmansansthglobal.org



Rotary International President
Rtn Jennifer Jones

District Governor
Rtn Dr Balwant Singh Chirana

President
PHF Rtn Radhey Shyam Gupta
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Executive Secretary - I.T.
PHF Rtn Prof Raj Kishor Pareek

Club Trainer
MPHF Rtn Ravi Shanker Sharma

Sergeant at Arms
PHF Rtn Er Satish Goyal

TO WHOMSOEVER IS CONCERN

Rotaract Club, Directorate of Students' Welfare along with Rotary Club Jaipur, Bapu Nagar conducted a two-day Plantation Drive at Mahatma Gandhi Government School (English Medium), Begas and Government Primary school, Maal ki Dhaani, Thikariya on 8th and 9th September 2022. It was a physical activity involving the students from NSS, DSW and the Rotaract Club MUJ. Event was well coordinated, where more than 25 samplings of plants were planted in the campus of both the schools.

We would like to appreciate Rotaract Club, Directorate of Students' Welfare, Manipal University Jaipur for the efforts and express our gratitude towards them.

Regards


Rtn Meeta Mathur
Secretary

Government Girls High School Bagru, Jaipur

Letter of Appreciation

On 13th December 2022, School of Architecture and Design, Manipal University Jaipur organized a tree plantation drive in association with NSS unit of Directorate of student's welfare, MUJ. In the campus of Government Girls High Secondary School Bagru, Jaipur.

Total 10 plants were planted in the vicinity of the school by Ar. Sidharth Soni and students' team. We highly appreciate efforts of Manipal University Jaipur for conducting tree plantation drive in the campus of Government Girls High Secondary School Bagru, Jaipur.

✓ 
प्रधानाचार्य
श. बालिका उच्च मा. वि.
साक (नयापैठे)
Mahatma Gandhi Girls School, Bagru

Date 13th Dec 2022


Govt. High Secondary School, Sanjharia

Letter of Appreciation

On 9th December 2023, Manipal University Jaipur organized a TREE PLANTATION DRIVE in association with NSS (National Service Scheme), DSW (Directorate of Student Welfare, MUJ) and SA&D (School of Architecture & Design) in the campus of Govt. School Sanjharia, Jaipur.

Tree plantation drive was conducted by Ar. Sidharth Soni, MUJ alongwith Students's of first yr. Architecture and Students from the Govt. School, Sanjharia.

We highly appreciate efforts of Manipal University Jaipur for conducting TREE PLANTATION DRIVE in the campus of Govt. School Sanjharia, Jaipur.


प्रधानाचार्य
रा.स. मा. वि. सौंझरिया
सांगनेर, जयपुर

Govt. School, Sanjharia

Date 09 Dec 2022



Rotary International President
Rtn Jennifer Jones

District Governor
Rtn Dr Balwant Singh Chirana

President
PHF Rtn Radhey Shyam Gupta
D-13, Indra Puri Colony, Lal Kothi,
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PHF Rtn Prof Raj Kishor Pareek

Club Trainer
MPHF Rtn Ravi Shanker Sharma

Sergeant at Arms
PHF Rtn Er Satish Goyal

TO WHOMSOEVER IS CONCERN

Directorate of Students' Welfare along with Rotary Club Jaipur, Bapu Nagar conducted a Health and Hygiene awareness campaign among the students at Government Senior Secondary School, Begas. It was a physical activity involving the students from NSS, NCC, DSW and the Rotaract Green Club MUJ. Event was well coordinated, where students of school were given information regarding the women health and hygiene. We would like to appreciate Directorate of Students' Welfare, Manipal University Jaipur for the efforts and express our gratitude towards them.

Regards

Rtn Meeta Mathur
Secretary

Mahatma Gandhi Govt. School, Begas

Letter of Appreciation

On 9th December 2023, Manipal University Jaipur organized a TREE PLANTATION DRIVE in association with NSS (National Service Scheme), DSW (Directorate of Student Welfare, MUJ) and SA&D (School of Architecture & Design) in the campus of Mahatma Gandhi Govt. School, Begas, Jaipur.

Tree plantation drive was conducted by Ar. Sidharth Soni, MUJ alongwith Students's of first yr. Architecture and Students from the Mahatma Gandhi Govt. School, Begas.

We highly appreciate efforts of Manipal University Jaipur for conducting TREE PLANTATION DRIVE in the campus of Mahatma Gandhi Govt. School, Begas.


Principal . 09/12/2022
Mahatma Gandhi Government School
(English Medium)
Begas

Mahatma Gandhi Govt. School, Begas

Date

MAHATMA GANDHI GOVT. SCHOOL DEHMI KALAN

Letter of Appreciation

On 9th December 2023, Manipal University Jaipur organized a TREE PLANTATION DRIVE in association with NSS (National Service Scheme), DSW (Directorate of Student Welfare, MUJ) and SA&D (School of Architecture & Design) in the campus of Govt. School Dehmikalan, Jaipur.

Tree plantation drive was conducted by Ar. Sidharth Soni, MUJ along with Students' of first yr. Architecture and Students from the Govt. School Dehmikalan.

We highly appreciate efforts of Manipal University Jaipur for conducting TREE PLANTATION DRIVE in the campus of Govt. School Dehmikalan, Jaipur.



PRINCIPAL
Govt. School Dehmikalan
M.G.G.S. (Eng. Med.)
DAHMI KALAN, JAIPUR

Date 09 Dec 2022

MAHATMA GANDHI GOVT. SCHOOL SANGANER, BAGRU

Letter of Appreciation

On 13th December 2023, Manipal University Jaipur organized a TREE PLANTATION DRIVE in association with NSS (National Service Scheme), DSW (Directorate of Student Welfare, MUJ) and SA&D (School of Architecture & Design) in the campus of Govt. School Sanjharia, Bagru.

Tree plantation drive was conducted by Ar. Sidharth Soni, MUJ alongwith Students's of first yr. Architecture and Students from the Govt. School, Bagru.

We highly appreciate efforts of Manipal University Jaipur for conducting TREE PLANTATION DRIVE in the campus of Govt. School Bagru, Jaipur.



Govt. School, Bagru

Date

10/12/2022

PRINCIPAL

MAHATMA GANDHI

GOVT. SCHOOL, SANGANER

NP, BAGRU, JAIPUR 08121216908



कार्यालय ग्राम पंचायत दहमी कलाँ

पंचायत समिति सांगानेर, जिला - जयपुर (राज.) 303007

प्रेषक :

गणेश लाल कुमावत

सरपंच - ग्राम पंचायत दहमी कलाँ
मो. 9799265933

प्रेषित :

श्रीमान्

.....

.....

क्रमांक

SRC 13/2022

दिनांक

दिनांक - 16.12.2022

उत्कृष्ट कार्य हेतु प्रशंसा पत्र

आज दिनांक 16.12.2022 को हमारे ग्राम पंचायत परिसर में मणिपाल विश्वविद्यालय के कैंमेस्ट्री विभाग और डायरेक्टोरेट ऑफ स्टुडेन्ट्स वेलफेयर के NSS छात्र-छात्राओं ने "ग्रामीण विकास योजना (Rural Development Scheme)" पर एक वर्कशॉप का आयोजन किया। इस कार्यक्रम में महिला एवं बाल विकास अधिकारी ने बताया कि कैसे ग्रामीण महिलाएं राजस्थान सरकार द्वारा चलाई गई सभी योजनाओं का उपयोग कर सकती है। इस कार्यक्रम के दौरान डॉ० राहुल, डॉ० बबीता, डॉ० प्रवीण, हेमन्त कुमार एवं विद्यालय के छात्र-छात्राएं उपलब्ध थे। विश्वविद्यालय व महिला बाल विकास विभाग द्वारा आयोजित वर्कशॉप के आयोजन के लिए प्रशंसा और अभिनंदन करता हूँ।

घन्यवाद

सरपंच

सरपंच, दहमीकलाँ (जयपुर)



राजकीय उच्च माध्यमिक विद्यालय, साँझरिया, जयपुर

प्रेषक :-

प्रधानाचार्य

राजकीय उच्च माध्यमिक विद्यालय, साँझरिया

प.स. सांगानेर, जिला - जयपुर, पिन-302042

EMAIL : gssssanjhriya.2013@gmail.com

UDISE CODE - 08121208607

प्रेषित :-

Manipal University
Jaipur

क्रमांक : रा.उ.मा.वि./साँझ./जयपुर/

दिनांक...6/12/2022

विषय :

प्रसंग :

आप स्थानीय विद्यालय में मणिपाल विश्वविद्यालय के छात्र-छात्राओं द्वारा विद्यार्थियों को महक्रेसॉफ्ट कंप्यूटर की जानकारी दी गई जिसका सभी विद्यार्थियों ने लाभ उठाया। आशा करते हैं आगे भी आप हमारे विद्यालय के छात्र-छात्राओं को लाभान्वित करते रहेंगे। विद्यालय परिवार आपके उज्वल भविष्य की कामना करता है।
तथा लक्ष्यों को ही शीघ्र जानकारी के लिए आभार प्रदर्शित करता है।


प्रधानाचार्य
राजकीय उच्च माध्यमिक विद्यालय
सांगानेर


राजकीय उच्च माध्यमिक विद्यालय, सांझरिया

दिनांक: 17-09-2022

उत्कृष्ट कार्य हेतु प्रशंसा पत्र

आज दिनांक को 17-08-2022 हमारे स्कूल परिसर में मणिपाल विश्वविद्यालय के कंप्यूटर और संचार इंजीनियरिंग स्कूल के Panacea क्लब और NSS के छात्र-छात्राओं ने "स्कूली शिक्षा में डिजिटल संसाधनों का महत्व" पर एक कार्यक्रम आयोजित किया। इस कार्यक्रम में विश्वविद्यालय के छात्रों ने बताया कि कैसे कम्प्यूटर स्कूली शिक्षा और समाज के लिए उपयोगी है, और कार्यक्रम में कक्षा 9 वीं और 10 वीं के छात्र-छात्राओं के सामने कंप्यूटर और विज्ञान से संबंधित प्रैक्टिकल दिखाए गए। प्रैक्टिकल देखकर छात्र-छात्राओं को बहुत खुशी हुई। मैं विश्वविद्यालय के छात्र-छात्राओं द्वारा अयोजित कार्यक्रम के बेहतरीन आयोजन के लिए अभिनंदन करता हूँ। इस कार्यक्रम के दौरान विश्वविद्यालय से डॉ संदीप कुमार शर्मा, डॉ सुमन भाकर और जितेंद्र सिंह यादव उपलब्ध थे।

धन्यवाद।


श्री किशन सिंह,
प्रधानाध्यापक,
राजकीय उच्च माध्यमिक विद्यालय, सांझरिया

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Ajay V. Singh
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TRUST

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Sandeep Sethi

Ramesh Paliwal

Shantanu Bhasin

Pramod Bhasin
Mg. Trustee

National Award MoRTH



2020



2010

Prince Michael International Award



TO WHOMSOEVER IS MAY CONCERN

We would like to appreciate Directorate of Student's welfare and Department of Business Administration, Manipal University Jaipur for their support during the road safety awareness among students. The event was conducted with an objective to increase road safety awareness so that such fatal incidents can be controlled in future.

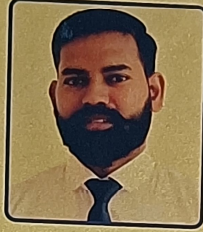
M Bhasin

Mrs. (Dr.) Mridul Bhasin
Mg. Trustee

Date : 07-05-2022

JSG
Jain Social Groups
Grew more to Serve more

**JAIN SOCIAL GROUP CENTRAL SANSTHA
JAIPUR**



Appreciates the
Invaluable contribution of

Hemant Kumar

Assistant Director,
Directorate of Student's welfare

in

Organizing the Blood Donation Camp
on the 21st of November 2022

Kamal Sachetee
Founder President
93527-15811

Uttam Chand Khatod
President
95091-21700

Suresh Kumar Jain
Secretary
97826-55515

**JAIN SOCIAL GROUP CENTRAL SANSTHA
JAIPUR**

Respected Sir/Ma'am,

This is to certify that Department of Economics, SAY Club and Directorate of Student Welfare of Manipal University Jaipur in collaboration with FRHS (Foundation for Reproductive Health Services) had organised the "Awareness Campaign on Cervical Cancer and Menstrual Hygiene" on 8th November 2022. Students and faculty members visited head office of FRHS in Jaipur and conducted the awareness campaign where ASHAs and other clinical staff were educated on Cervical Cancer and measures to prevent. Dr Sandhya Vyas, Gynaecologist from Jaipuria Hospital, Jaipur was invited as resource person to address the females about the vaccines available in order to protect females from cervical cancer. They graciously donated sanitary napkins to ANMs and ASHAs present in the session and also cleared all the doubts and myth related to menstrual issues.

They also conducted an interactive session with the clinical staff to best help the interests and needs of the underprivileged females. We would like to highly appreciate and commend their initiative and offer them all the good wishes to continue doing the utmost best for the society. We also thank Dr Oum Kumari R for having arranged such a campaign and Ms. Meenakshi Saxena and Jaipur team to coordinate and support to made this event successful.

We look forward for such more awareness programs in future.

Regards

Saket Sharma



State Program Manager

FRHS India



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नई राह - नई दृष्टि ।, ज्ञान वही - वही सृष्टि ॥

Trust Deed (Regd No. 507)
Supplementary Deed (Regd No. 1741)
Supplementary Deed 2 (Regd No. 2492)
12A-NO-AACTK9937GE20213
80G-NO-AACTK9937GF20211
PAN NO. AACTK8522H

पंजीकृत कार्यालय

145 सीपीएस सफदर जंग, डेवलप एरिया, नई दिल्ली 110029

मुख्य कार्यालय

142, यादव चेम्बर, माँ हिंगलाज नगर बी, लालरपुरा, गांधी पथ रोड (पश्चिम)
वैशाली नगर, जयपुर, 302021 (राज.)

क्रमांक १९५

We would like to appreciate IEI Mechatronics students' chapter, Department of Mechatronics engineering and Directorate of students welfare, Manipal University Jaipur for their support during the school connect activity at Mahatma Gandhi government school, Dehmi Kalan. This kind of social activities will definitely help the rural students to upgrade their knowledge in recent technologies. KAMLABAI CHARITABLE TRUST always participates and encourages such kind of activities for uplifting the underprivileged students. We are happy to be a part of your social activities in future also.

Thank you.






To Whom It May Concern

Naya Sawer NGO in collabration with Department of Fine Arts and Directorate of Student's Welfare, Manipal University Jaipur organised an event named ADVAITA, an on day art and craft workshop for the underprivileged students of Naya Sawera on 21st March, 2022.

The event was well coordinated by the students of club Renaissance. It was an Soicial Connect-NSS activity where students of Manipal University Jaipur interacted with Naya Sawera students and helped them to explore thier creativity skills through fun activies.

We would like to appreciate Manipal University Jaipur for conducting this helpful workshop for our students.


Akhilesh Maheshwari
(Founder & Director)
NAYA SAWERA NGO
(Let's Wake for A Better Tomorrow...)



Integrating Sustainable Development Goals (SDGs) Across University Education

Universities worldwide are embracing a commitment to infuse the principles and values of the SDGs into their educational frameworks. This integration spans diverse academic disciplines, ensuring that students from all fields of study receive exposure to the SDGs and their relevance in today's world. By incorporating these goals into the curriculum, universities aim to nurture a generation of graduates with a deep understanding of the global challenges we face.

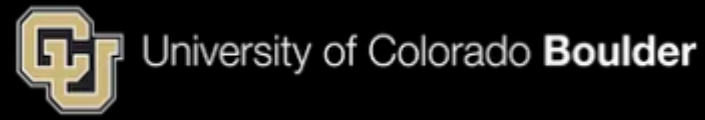
In the pursuit of a sustainable and equitable world, Manipal University Jaipur is stepping forward to instill a commitment to meaningful education around the Sustainable Development Goals (SDGs) across all disciplines, making it relevant and applicable to every student. This educational commitment transcends the conventional boundaries of learning, aiming to empower future leaders with a holistic understanding of global challenges and the tools to effect positive change. The integration of SDGs in education is not limited to specific courses but extends throughout various disciplines. From science and technology to social sciences, business, arts, and humanities, the principles of sustainable development and the interconnectedness of global issues are emphasized. This approach allows students to understand how their field of study contributes to and can be influenced by the pursuit of the SDGs. Manipal University Jaipur is fostering experiential learning and practical application of SDGs. Through projects, internships, and service learning, students engage in real-world problem-solving related to sustainable development. This hands-on experience provides a platform for students to apply theoretical knowledge to real-life scenarios, fostering a sense of responsibility and an understanding of their role in effecting change.

The emphasis on SDGs fosters interdisciplinary collaboration, encouraging students to work across diverse fields to address complex challenges. This collaborative approach nurtures critical thinking and problem-solving skills, preparing students to address multifaceted global issues that demand innovative solutions. Manipal University Jaipur emphasizes the development of global awareness and cultural competence through SDG-focused education. Understanding global challenges requires an appreciation of diverse perspectives and a recognition of the interconnectedness of issues on a global scale. Students are encouraged to appreciate cultural diversity and recognize the implications of their actions in a global context. SDG-centered education also aims to develop leadership qualities and a sense of ethical responsibility in students. Manipal University Jaipur seeks to empower future leaders well-versed in their fields and conscious of their ethical responsibilities towards society and the planet.



**MANIPAL UNIVERSITY
JAIPUR**

(University under Section 2(f) of the UGC Act)



“Renewable energy futures”



Organized by

**Department of Chemical Engineering
Manipal University Jaipur**

About the course

Renewable energy's future is bright, yet uncertain. Will it continue to grow rapidly? Is current growth sufficient to achieve climate stabilization? How do related technologies, like electric vehicles and heat pumps, fit in? This course will shed light on the many confusing and at-times inconsistent claims and predictions for renewable energy.

We'll review promising new renewable technologies and approaches, such as floating platforms for wind turbines and building-integrated photovoltaics (PV) and point out key opportunities and limitations. We'll take a close look at possible futures of enabling technologies such as electricity storage, electric vehicles and hydrogen, which can support and enhance renewables. We'll then unravel key trends and new approaches, such as distributed energy and electrification, and explain how they affect renewable energy's future.

Renewable energy, aided by enabling technologies such as electric vehicles and storage, will eventually dominate energy systems worldwide. From this course, you'll learn the current status and likely future paths of renewable energy. With this knowledge, you'll be able to pinpoint the opportunities in this vibrant industry and get in front of the change

Aim of the course

Aim: The aim of this course is to make students learn the status and likely future paths of renewable energy as well to explore the opportunity in this industry

Learning outcomes of the course

- Predicting the renewable energy growth in different sectors
- Understanding the enabling technologies of renewable energy
- Knowledge of current status and future paths of this sector
- Exploring opportunities in this vibrant industry
- Understanding the various remedial methods available to victims in cases involving business human rights violations.

Detailed Content of the course

1. Introduction, Energy Transitions, and Scenarios

2. Renewable Energy Technology Futures: Wind, Solar PV, and More
3. Enabling Technologies for Renewable Energy
4. Emerging Issues and Concepts in Renewable Energy
5. Summary and Review

Resource Person/s

The programme is conducted by Dr Paul Komor, research faculty at Energy Institute

Duration of the course

The course will be conducted for a total of 45 days (30 hrs.)

Week 1: 3 hours

Week 2: 3 hours

Week 3: 3 hours

Week 4: 5 hours

Week 5: 2 hours

The course shall begin from 17 August 2022 and Conclude by 20 November 2022.

Assessment

- Assessment will be based on completion of assignments and performance in the test conducted at the end of the course.
- Course completion certificate to be provided as a part of internal assesemnt of the program elective (CE4141: Conventional and Non conventional energy resources)

Contact

Nandana Chakinala
Assiatnt Professor,
Department of Chemical Engineering, Manipal
University jaipur
Nandana.chakinala@jaipur.manipal.edu

Renewable Energy Futures-Syllabus

Link: <https://www.coursera.org/learn/renewable-energy-futures/home/week/1>

Module 1: Introduction, Energy Transitions, and Scenarios

Renewable energy's future is bright, yet uncertain. Will it continue to grow rapidly? Is current growth sufficient to achieve climate stabilization? How do other technologies, like electric vehicles and heat pumps, fit in? In these lessons, we take a close look at several leading energy scenarios - models that describe possible futures for renewable energy. These scenarios show where we are headed, and where we need to be headed in order to stop climate change.

Module 2: Renewable Energy Technology Futures: Wind, Solar PV, and More

Wind turbines and solar photovoltaics (PV) are on a path of rapid growth. In these lessons, we review promising new technical approaches for wind and solar PV, such as offshore floating wind platforms and building-integrated PV. We'll also assess other renewable energy technologies that are on different paths: concentrating solar power (CSP), ocean energy, and biofuels.

Module 3: Enabling Technologies for Renewable Energy

For renewables to provide the bulk of global energy needs, 'enabling' technologies - those that support and enhance renewables - are needed as well. In these lessons, we describe the critical roles these enabling technologies play, and review their current status and future prospects. Enabling technologies covered include storage (notably batteries), electric vehicles, and hydrogen.

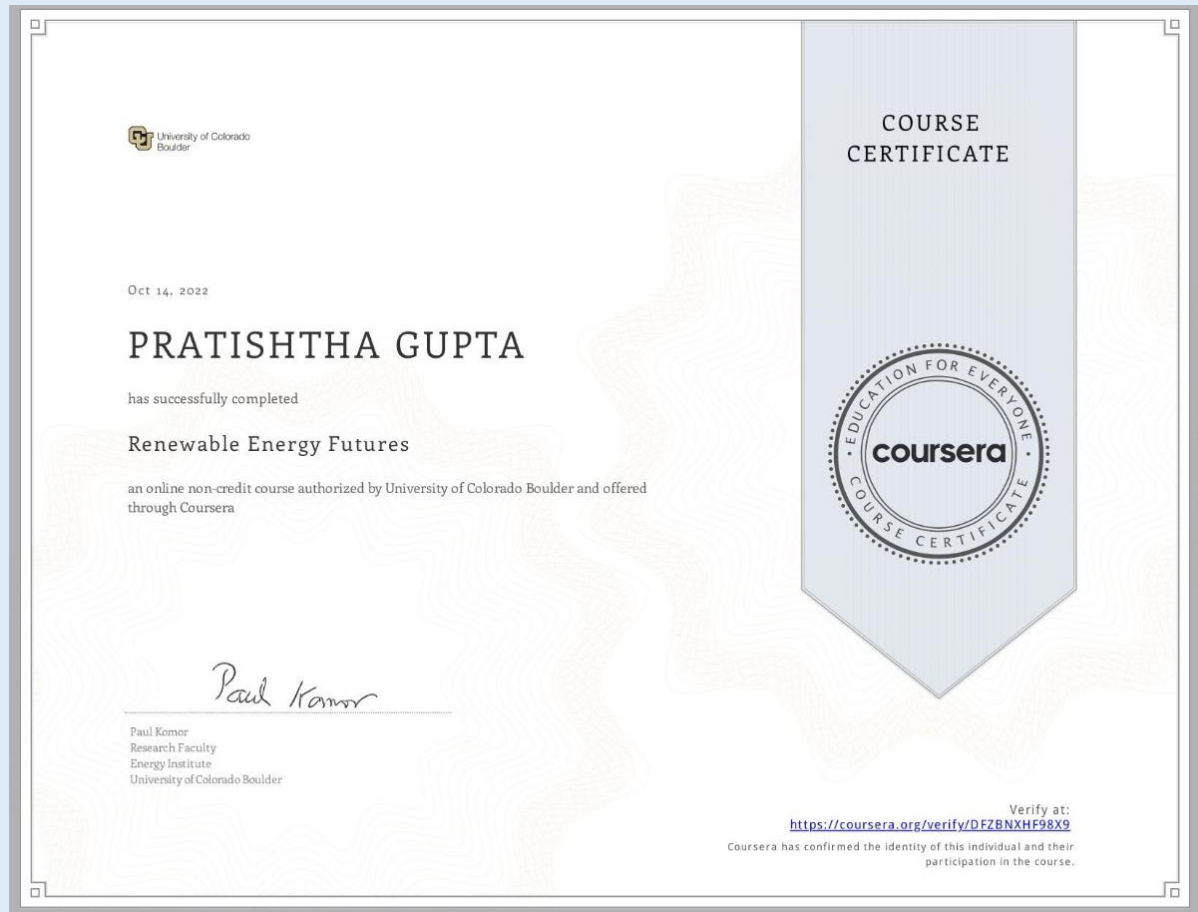
Module 4: Emerging Issues and Concepts in Renewable Energy

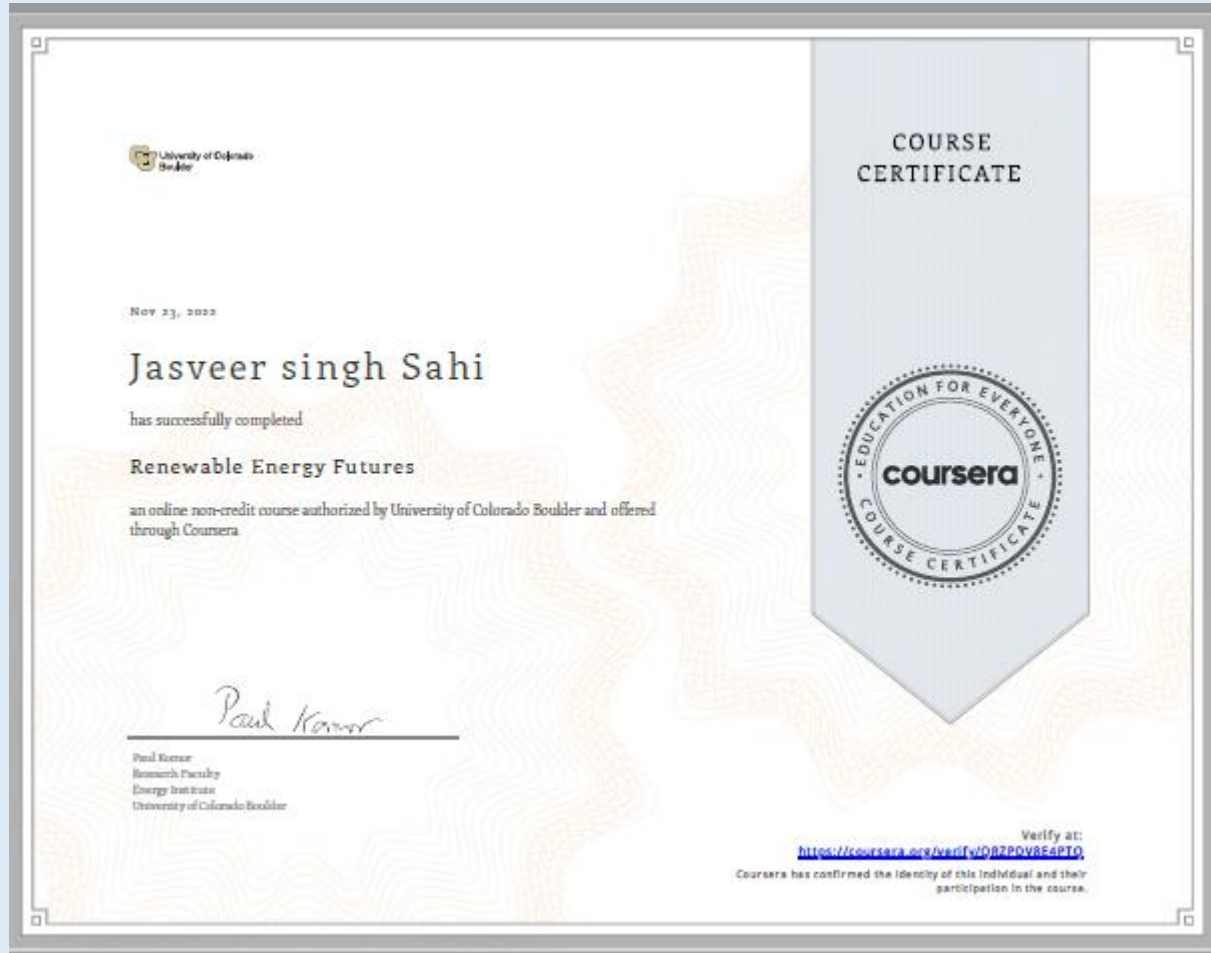
Renewables are driving rapid change in energy systems worldwide, and these systems will look very different in the future. These lessons examine key trends, issues, and concepts for future renewables-based energy systems. These included electrification, distributed energy, electricity market structures, and others.

Module 5: Summary and Review

Renewable energy, aided by enabling technologies such as electric vehicles and storage, will eventually dominate energy systems worldwide. In these lessons, we pull all the course material together and show how the pieces fit together.

Certificates of enrolled students





MANIPAL UNIVERSITY JAIPUR

Faculty of Engineering | School of Electrical, Electronics and communication Engineering (SEEC)

Department of Electrical Engineering

Open Elective Course details

Session: Jan – May 2022 | Type: Regular

Fundamentals of Renewable Energy Sources | EE2082 | Credits: 3

Course Coordinators: Dr. Neeraj Kanwar/ Mr. Divya Rishi Shrivastava

Introduction: This course is offered by Dept. of Electrical Engineering as an Open Elective, targeting students who wish to pursue research & development in industries or higher studies in field of Integration of renewable energy sources, including solar, wind, biomass, geo-thermal, wave and hybrid systems. Most of the renewable energy comes either directly or indirectly from sun and wind and can never be exhausted, and therefore they are called renewable. Worldwide attention to environmental issues combined with the energy crisis force us to increase the use of renewable energy sources which are freely available in the nature and environment friendly. A renewable energy system converts the energy found in sunlight, wind, falling-water, sea waves, geothermal heat, or biomass into a form, we can use such as heat or electricity. To understand this course students are expected to have background knowledge about generation of electrical power and basic electrical engineering.

Course Outcomes: At the end of the course, students will be able to

[EE2082.1]. Know the need and advancements in the Renewable Energy Sources. **(Bloom's Level: Comprehension)**

[EE2082.2]. Understand the working principles of different types of Renewable energy sources as solar, wind, biomass, geo-thermal and ocean. **(Bloom's Level: Application, Synthesis)**

[EE2082.3]. Know the problems and their possible solutions in harnessing energy from different types of renewable sources. **(Bloom's Level: Comprehension, Analysis)**

[EE2082.4]. Develop skills to understand about the operation of renewable energy sources in grid connected and isolated modes. **(Bloom's Level: Application, Synthesis)**

[EE2082.5]. Know the environmental impact of various renewable sources and hybrid energy systems. **(Bloom's Level: Comprehension, Application)**

Prerequisites:

- To understand this course students are expected to have background knowledge about generation of electrical power and basic electrical engineering.

Syllabus:

Energy sources and their availability, Solar Energy - Solar radiation and measurements, solar energy storage, Solar Photo-Voltaic systems design- Wind Energy- Estimation, Maximum power and power coefficient, wind energy conversion systems, design considerations and applications. Energy from Bio-Mass- Sources of bio-mass, Biomass conversion technologies, Thermochemical conversion and Biochemical conversions, Anaerobic digestion and Fermentation, Bio-gas generation Pyrolysis and Liquefaction, Classification of Gasifiers, Geo-Thermal Energy, Energy plantation- Energy from the Oceans, Ocean Thermal Energy Conversion, Open and Closed Cycle plants, Site selection considerations, Origin of tides, Tidal energy conversion systems, Wave energy conversion systems, Hybrid Energy Systems.

References:

1. B. H. Khan, Non-conventional Energy Resources, TMH, 2009.
2. J. W. Twidell & A. D. Weir, Renewable Energy Resources, ELBS, 2005.
3. D. Mukherjee & S. Chakrabarti, Fundamentals of Renewable Energy Systems, New Age Intl., 2004.
4. G. D. Rai, Non-Conventional Energy Sources, Khanna Publishers, 2004.

Restrictions:

- The course is restricted for the students of SEEC.

Ref: *generated for*
 JAN-MAY 2022 - B.Des - Fashion
 Mrs. *Arora*

S.N	Student Name	Reg. No.	Sem.	Course Type	Course Code	Description	Grade
1	SUHANI GUPTA	200601002	IV	OPEN ELECTIVE	AU2080	FUNDAMENTALS OF AUTOMOBILE ENGINEERING	S
2	VANSHIKA ARORA	200601003	IV	OPEN ELECTIVE	AT2085	ECOPHILOSOPHY	S
3	KHUSHI SHARMA	200601004	IV	OPEN ELECTIVE	EC2080	INTRODUCTION TO COMMUNICATION SYSTEMS	S
4	MANASVI ACHARYA	200601005	IV	OPEN ELECTIVE	ID0051	GRAPHIC DESIGN ELEMENTS FOR NON DESIGNERS	S
5	MYTHILI S. ITTAMAN	200601006	IV	OPEN ELECTIVE	AT0002	INTRODUCTION TO INDIAN PHILOSOPHY	S
6	ANISHA VERMA	200601007	IV	OPEN ELECTIVE	BT2080	ELEMENTS OF BIOSCIENCE AND BIOTECHNOLOGY	S
7	SACHIN JANGID	200601008	IV	OPEN ELECTIVE	AU2080	FUNDAMENTALS OF AUTOMOBILE ENGINEERING	U
8	SALONI RAVINDRA VERMA	200601009	IV	OPEN ELECTIVE	LA0052	AMERICAN CONTRACT LAW II	S
9	BRINDA GUPTA	200601011	IV	OPEN ELECTIVE	MC0002	FUNDAMENTALS OF INTERNET OF THINGS	S
10	AKSHITA	200601012	IV	OPEN ELECTIVE	ME3087	PRINCIPLES OF INDUSTRIAL ENGINEERING	S
11	AKSHIKA KUMAWAT	200601013	IV	OPEN ELECTIVE	CC0051	INTRODUCTION TO DATA STRUCTURE	S
12	SHORYA VARDHAN SINGH SHEKHAWAT	200601014	IV	OPEN ELECTIVE	BB0002	DESIGNING & PHOTOGRAPHY	S
13	priyal mathur	200601017	IV	OPEN ELECTIVE	AT2085	ECOPHILOSOPHY	S
14	JANHAVI BORSE	200601018	IV	OPEN ELECTIVE	BT2081	SCIENCE OF LIVING SYSTEMS	S
15	PRADHYUMAN SINGH	200601019	IV	OPEN ELECTIVE	BT2080	ELEMENTS OF BIOSCIENCE AND BIOTECHNOLOGY	S
16	AISHWARYA SHARMA	200601020	IV	OPEN ELECTIVE	AU3087	PRODUCT DEVELOPMENT	S
17	MANISHA KHAN	170601008	VI	OPEN ELECTIVE	AT2087	SOUTH ASIAN STUDIES	S
18	NICOLE MARIA GREEN	190601001	VI	OPEN ELECTIVE	HA0001	INTRODUCTION TO WINE AND SENSORY TECHNIQUES	S
19	PRIYAL GUPTA	190601004	VI	OPEN ELECTIVE	AR0053	DESIGN AND MAKE INFOGRAPHICS BY MICHIGAN STATE UNI	S
20	SUDITI BILALA	190601005	VI	OPEN ELECTIVE	HA0001	INTRODUCTION TO WINE AND SENSORY TECHNIQUES	S
21	ISHIKA AGARWAL	190601006	VI	OPEN ELECTIVE	HA0001	INTRODUCTION TO WINE AND SENSORY TECHNIQUES	S
22	SULEKHA CHOUDHARY	190601007	VI	OPEN ELECTIVE	AT2289	INTRODUCTION TO INDIAN MUSIC	S
23	SRISHTI SETH	190601008	VI	OPEN ELECTIVE	AT0002	INTRODUCTION TO INDIAN PHILOSOPHY	S
24	MADHU	190601010	VI	OPEN ELECTIVE	HA0001	INTRODUCTION TO WINE AND SENSORY TECHNIQUES	S
25	DEVANSHI BAYANWALA	190601011	VI	OPEN ELECTIVE	AR0053	DESIGN AND MAKE INFOGRAPHICS BY MICHIGAN STATE UNI	S
26	KAVITA SAINI	190601012	VI	OPEN ELECTIVE	BB0002	DESIGNING & PHOTOGRAPHY	S
27	PRATIKSHA JANGID	190601013	VI	OPEN ELECTIVE	ID2280	DESIGN THINKING AND CREATIVITY	S
28	RAGHAV JALALI	190601015	VI	OPEN ELECTIVE	LA2080	CONSUMER AFFAIRS	S
29	NISHA SAINI	190601016	VI	OPEN ELECTIVE	MC3081	QUALITY CONTROL AND MANAGEMENT	S
30	LAKSHITA CHOZHAN	190601017	VI	OPEN ELECTIVE	EE2082	FUNDAMENTALS OF RENEWABLE ENERGY SOURCES	S

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Recent development in thermal performance of solar water heating (SWH) systems

Sudhir Kumar Pathak ^a  , V.V. Tyagi ^a, K. Chopra ^{a, b}, Ravi Kumar Sharma ^c

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Abstract

Solar energy is best suited substitute energy source owing to its cost-effectiveness and eco-friendly nature. But, the irregular nature of solar energy limits its usage and efficacy in domestic and industrial applications, particularly for water heating. Various research reports demonstrated that increasing convective heat transfer rate and energy storage capacity could increase the thermal output of solar water heating (SWH) systems. Active and passive types are two categories of SWH systems. The aim of the present study is to discuss a crisp review of recent developments made in the field of SWH systems, and focusing on ways used to enhance their thermal performance. The thermal performance improving methods that have received specific attention include geometrical changes to the absorber plate, solar selective coatings, collector tilt angle, fluid flow rates, phase change materials as a thermal energy storage unit, and twisted tape insertion. This study also helps to understand the physical science and mechanism behind the performance enhancement methods used in SWH systems for sustainable energy development.



Keywords

Solar energy; Solar water heating; Thermal performance; Phase change materials

Abbreviations

CNT, Carbo nanotubes; CPCs, Compound parabolic collectors; DTE, Daily thermal efficiency; ETCs, Evacuated tube collectors; FPCs, Flat plate collectors; PCMs, Phase change materials; LPH, Liter per hour; HTF, Heat transfer fluid; NE-PCMs, Nano-enhanced phase change materials; SWH, Solar water heater; TES, Thermal energy storage

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ENERGY ECONOMICS AND POLICY

PROF. SHYAMASREE DASGUPTA

Department of Humanities and Social Sciences
IIT Mandi

PRE-REQUISITES : Any foundational course in Economics

INTENDED AUDIENCE : Primarily the graduate students working in the area of energy economics and energy policy domain. This course will also be useful for general audience

INDUSTRIES APPLICABLE TO : Power Sector; Energy consulting firms; Renewable Energy production units, Policy makers

COURSE OUTLINE :

The course deals with understanding energy as a scarce resource, various aspects of energy demand and supply with a focus to policies that are in place to promote renewable energy supply and finally, a much needed discussion on interaction between energy, environment and climate change. The course aims at broadening the vision of students while making any energy related decision as a technology developer, energy manager, entrepreneur, policy maker, researcher in future or simply for personal energy use in day to day activities.

ABOUT INSTRUCTOR :

Prof. Shyamasree Dasgupta is an Assistant Professor at the School of Humanities and Social Sciences in Indian Institute of Technology Mandi. She is an economist by training. Her teaching and research interest remains in the area of energy, environment, climate change and sustainable development. She obtained Ph.D and M.Phil in Economics from Jadavpur University, Kolkata, India with SYLFF Fellowship. She is a member of several active academic/research networks including International Association of Energy Economics, Indian Society for Ecological Economics, The Indian Econometric Society etc. She is a contributing author in the Industry Chapter of IPCC AR 5.

COURSE PLAN :

Week 1: Energy as a Scarce Resource; Classification, Measurement and Accounting of energy resources

Week 2: Energy Demand-Part I- Analyzing past, present and future demand

Week 3: Energy Demand-Part II - Demand Side Management, policies and behavioural issues

Week 4: Energy Supply- Part I – Economics and policies of non-renewable energy supply

Week 5: Energy Supply- Part II – Economics of electricity supply and renewable energy and related policies

Week 6: Energy Market

Week 7: Special topics on energy, environment and climate change - Part I

Week 8: Special topics on energy, environment and climate change - Part II

Energy Economics and Policy

COURSE OUTCOMES

- This course covers the economic principles that guide the energy-related behavior of both the producers and the consumers of energy and the policy regime that has emerged to govern it.
- The course has four building blocks: understanding energy as a scarce resource, various aspects of energy demand and supply with a focus on policies that are in place to promote renewable energy supply, and finally, a much-needed discussion on the interaction between energy, environment, and climate change.
- The course aims at broadening students' vision while making any energy-related decision as a technology developer, energy manager, entrepreneur, policy maker, or researcher in the future, or simply for personal energy use in day-to-day activities.



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



Scan me with CamScanner

This certificate is awarded to

YASH WADHAWAN

for successfully completing the course

Energy Economics And Policy

with a consolidated score of **47** %

<i>Online Assignments</i>	16.13/25	<i>Proctored Exam</i>	31.06/75
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Total number of candidates certified in this course: **53**

Prof. Tushar Jain
Centre for Continuing Education
IIT Mandi

Aug-Oct 2022

(8 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Integrating Sustainable Development Goals (SDGs) Across University Education

Universities worldwide are embracing a commitment to infuse the principles and values of the SDGs into their educational frameworks. This integration spans diverse academic disciplines, ensuring that students from all fields of study receive exposure to the SDGs and their relevance in today's world. By incorporating these goals into the curriculum, universities aim to nurture a generation of graduates with a deep understanding of the global challenges we face.

In the pursuit of a sustainable and equitable world, Manipal University Jaipur is stepping forward to instill a commitment to meaningful education around the Sustainable Development Goals (SDGs) across all disciplines, making it relevant and applicable to every student. This educational commitment transcends the conventional boundaries of learning, aiming to empower future leaders with a holistic understanding of global challenges and the tools to effect positive change. The integration of SDGs in education is not limited to specific courses but extends throughout various disciplines. From science and technology to social sciences, business, arts, and humanities, the principles of sustainable development and the interconnectedness of global issues are emphasized. This approach allows students to understand how their field of study contributes to and can be influenced by the pursuit of the SDGs. Manipal University Jaipur is fostering experiential learning and practical application of SDGs. Through projects, internships, and service learning, students engage in real-world problem-solving related to sustainable development. This hands-on experience provides a platform for students to apply theoretical knowledge to real-life scenarios, fostering a sense of responsibility and an understanding of their role in effecting change.

The emphasis on SDGs fosters interdisciplinary collaboration, encouraging students to work across diverse fields to address complex challenges. This collaborative approach nurtures critical thinking and problem-solving skills, preparing students to address multifaceted global issues that demand innovative solutions. Manipal University Jaipur emphasizes the development of global awareness and cultural competence through SDG-focused education. Understanding global challenges requires an appreciation of diverse perspectives and a recognition of the interconnectedness of issues on a global scale. Students are encouraged to appreciate cultural diversity and recognize the implications of their actions in a global context. SDG-centered education also aims to develop leadership qualities and a sense of ethical responsibility in students. Manipal University Jaipur seeks to empower future leaders well-versed in their fields and conscious of their ethical responsibilities towards society and the planet.



**MANIPAL UNIVERSITY
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17 PARTNERSHIPS
FOR THE GOALS



Program offered in

3 GOOD HEALTH AND WELL-BEING





Sr. No.	Name of Course	Course Code
1	BIOPROCESS ENGINEERING	BS1501
2	PLANT SECONDARY METABOLITES	BS1502
3	BIOSCIENCES LAB-V	BS1531
4	ADVANCED BIOCHEMISTRY	BT6201
5	GENETIC ENGINEERING	BT6203
6	BIOTECHNOLOGY LAB. III	BT6230
7	BIOTECHNOLOGY LAB. IV	BT6231
8	ADVANCED GENETICS	BT7101
9	BIOPROCESS ENGINEERING	BT7102
10	STRUCTURAL BIOLOGY & BIOINFORMATICS	BT7103
11	BIOTECHNOLOGY LAB. V	BT7130
12	BIOTECHNOLOGY LAB. VI	BT7131
13	ANIMAL BIOTECHNOLOGY	BT7140
14	DEVELOPMENTAL BIOLOGY	BT7143
15	COURSERA-DNA DECODED MCMASTER UNIVERSITY	BT8008
16	TAXONOMY AND EMBRYOLOGY OF ANGIOSPERMS	BY1601
17	ENVIRONMENTAL MANAGEMENT	CV1691
18	SANITATION AND PUBLIC HEALTH	CV6106
19	SANITATION TECHNOLOGY	CV6104
20	SANITATION FLOW ANALYSIS	CV6105
21	ENVIRONMENTAL IMPACT ASSESSMENT	CV6201
22	FIELD ACTIVITY- 4 (SQUASH)	PE1330
23	FIELD ACTIVITY- 5 (TENNIS)	PE1331
24	FIELD ACTIVITY- 6 (BADMINTON)	PE1332
25	FIELD ACTIVITY- 7 (TABLE-TENNIS)	PE1333
26	BASICS OF RESEARCH	PE1501
27	FUNDAMENTALS OF STATISTICS	PE1502
28	ADAPTED PHYSICAL EDUCATION	PE1503
29	FIELD ACTIVITY- 11 (YOGA)	PE1530
30	FIELD ACTIVITY- 12 (HANDBALL)	PE1531
31	FITNESS AND WELLNESS	PE1552
32	EXPOSE ACTIVITIES	PE1630
33	FUNDAMENTALS OF PSYCHOLOGY-I	PS1101
34	STATISTICAL METHODS FOR PSYCHOLOGICAL RESEARCH	PS1102
35	PSYCHOLOGY	PS1103
36	PRACTICUM-I	PS1130
37	BASIC PSYCHOLOGICAL PROCESSES-I	PS1140
38	EMOTIONAL INTELLIGENCE	PS1141
39	FUNDAMENTALS OF PSYCHOLOGY -II	PS1203
40	BIO-PSYCHOLOGY	PS1204
41	DEVELOPMENTAL PSYCHOLOGY-I	PS1205
42	COUNSELING SKILLS AND TECHNIQUES	PS1512
43	POSITIVE PSYCHOLOGY (MAJOR 2A)	PS1609



44	ORGANIZATIONAL PSYCHOLOGY (MAJOR 2B)	PS1610
45	APPLICATIONS OF PSYCHOLOGY IN MODERN LIFE	PS1611
46	INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY	PS1612
47	OB & POSITIVE PSYCHOLOGY LAB	PS1630
48	PSYCHOLOGY PRACTICUM-4(LAB)	PS1632
49	SEMINAR	PS1680
50	FOUNDATIONS OF POSITIVE PSYCHOLOGY	PS2080
51	PSYCHOLOGY OF INDIVIDUAL DIFFERENCES	PS2106
52	PSYCHOLOGICAL RESEARCH	PS2107
53	DEVELOPMENTAL PSYCHOLOGY -II	PS2108
54	PRACTICUM -III	PS2130
55	FUNDAMENTALS OF SOCIAL PSYCHOLOGY	PS2140
56	DEVELOPMENTAL PSYCHOLOGY	PS2142
57	UNDERSTANDING PSYCHOLOGICAL DISORDERS	PS2209
58	SOCIAL PSYCHOLOGY	PS2210
59	ORGANISATIONAL BEHAVIOUR	PS2211
60	DEVELOPMENT OF PSYCHOLOGICAL THOUGHT	PS2212
61	CLINICAL PSYCHOLOGY:ASSESSMENT AND DIAGNOSIS	PS6101
62	PERSONALITY PSYCHOLOGY	PS6102
63	SOCIO-CULTURAL INFLUENCES ON BEHAVIOUR	PS6103
64	PSYCHOPATHOLOGY-I	PS6104
65	PRACTICUM-I ADJUSTMENT AND PERSONALITY ASSESSMENT	PS6130
66	CLINICAL COUNSELLING-SKILLS AND ETHICS	PS6201
67	ADVANCED PHYSIOLOGICAL PSYCHOLOGY	PS6202
68	STATISTICS AND DATA ANALYSIS	PS6203
69	PSYCHOPATHOLOGY- II	PS6204
70	PRACTICUM- II GENERAL MENTAL HEALTH ASSESSMENT	PS6230
71	RESEARCH SEMINAR (SCHOLARLY PSYCHOLOGICAL WRITING)	PS6280
72	CLINICAL NEUROPSYCHOLOGY	PS7101
73	PSYCHOTHERAPEUTIC INTERVENTION TECHNIQUES	PS7102
74	RESEARCH METHODS IN BEHAVIOURAL SCIENCE	PS7103
75	NEUROCOGNITIVE AND NEURODEVELOPMENTAL DISORDERS	PS7104
76	PRACTICUM- III INTELLIGENCE AND NEUROCOGNITIVE DEV	PS7130
77	INTERNSHIP	PS7181
78	CLINICAL COMMUNITY PSYCHOLOGY	PS7201
79	MEDICINE AND BEHAVIOUR MODIFICATION	PS7202
80	PSYCHOLOGY OF HEALTH AND WELLBEING	PS7203
81	PRACTICUM- IV CLINICAL ASSESSMENT AND DIAGNOSIS	PS7230
82	DISSERTATION	PS7282



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17 PARTNERSHIPS
FOR THE GOALS



Program offered in

**4 QUALITY
EDUCATION**





Sr. No	Course Code	Name Of Course
1	BA0025	Universal Human Values
2	MB6101	Self-Development & Personality Growth
3	LN1106	Communicative English (Aecc)
4	LN1130	Language Lab (Aecc)
5	AT1101	Foundation Of Physical Education And Sports
6	AT1102	History Of Physical Education And Sports
7	AT1103	Education Technology
8	PE1503	Adapted Physical Education
9	PE1532	Theory Teaching Presentations
10	AT3103	Adapted Physical Education
11	AT3130	Teaching Practice
12	LA2104	Constitutional Law I
13	AT2191	Philosophical Foundations For Law
14	CM1129	Principles Of Management
15	LA1101	Sports Policy And Rules
16	JC6150	Fundamentals Of Photography
17	LN6103	Elizabethan And Jacobean Drama
18	LN6104	British Prose And Fiction I
19	LN8004	Sahitya Me Aadhunik Chintan Avam Vimarsh
20	LN8006	Greek And Roman Mythology
21	LN8001	Modern Critical And Literary Theory
22	LN8010	Sahitya Siddhant Aur Samalochana
23	DR8003	Research Methodology- Arts/Economics/ Psychology /



Program offered in



Sr. No.	Name of Course	Course Code
1	NATURAL ATTENUATION OF GROUNDWATER CONTAMINANTS: N	BT8011



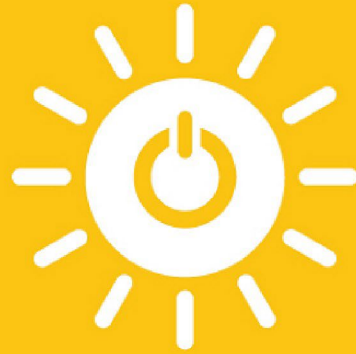
2	ENVIRONMENTAL ENGINEERING - I	CV1504
3	WATER RESOURCE ENGINEERING	CV1702
4	RURAL WATER SUPPLY AND SANITATION	CV1792
5	WATER SUPPLY ENGINEERING	CV2202
6	WATER TREATMENT AND SANITATION SYSTEMS	CV6103
7	SANITATION AND PUBLIC HEALTH	CV6106
8	SANITATION TECHNOLOGY	CV6104
9	SANITATION FLOW ANALYSIS	CV6105
10	WASTEWATER TREATMENT SYSTEMS	CV6202
11	SANITATION BEHAVIOUR AND ADVOCACY	CV6206
12	EMERGENCY SANITATION	CV6204
13	WATER TREATMENT AND SAFE STORAGE	CY1491
14	GREEN CHEMISTRY	CY1515
15	WATER TECHNOLOGY AND SAFE STORAGE AND APPLICATIONS	CY2281
16	ENVIRONMENTAL ECOLOGY	CV6140
17	ENVIRONMENTAL ENGINEERING - I	CV1504
18	ENVIRONMENTAL ENGINEERING LABORATORY	CV1532
19	ENVIRONMENTAL IMPACT ASSESSMENT	CV1590
20	ENVIRONMENTAL ENGINEERING-II	CV1660



Program offered in SDG 7

Goal 7:

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





Sr. No.	Name of Course	Course Code
1	RENEWABLE ENERGY RESOURCES	EE1653
2	UTILIZATION OF ELECTRIC POWER	EE1661
3	DISTRIBUTED ENERGY RESOURCES	EE1663
4	ELECTRICAL ENERGY SYSTEMS	EE1691
5	POWER SYSTEM ENGINEERING	EE1702(N)
6	POWER SYSTEM OPERATIONS & CONTROL	EE1703(N)
7	SMART GRID SYSTEMS	EE1763
8	SOLAR PHOTOVOLTAICS	EE2080
9	FUNDAMENTALS OF RENEWABLE ENERGY SOURCES	EE2082
10	GENERATION TRANSMISSION & DISTRIBUTION	EE2202
11	ELECTRIC VEHICLE TECHNOLOGY	EE6104
12	ELECTRIC DRIVE I LAB	EE6130
13	ENERGY STORAGE DEVICES	EE6245
14	INTELLIGENT CONTROL SYSTEMS	EE6281
15	SOLAR ENERGY SYSTEM AND DESIGN	EE8017
16	ENERGY CONSERVATION, AUDIT AND MANAGEMENT	ME1694
17	RENEWABLE ENERGY SYSTEMS	ME1758
18	RENEWABLE ENERGY AND ENERGY HARVESTING	PY2141
19	ENVIRONMENTAL ENGINEERING - I	CV1504
20	ENVIRONMENTAL ENGINEERING LABORATORY	CV1532
21	ENVIRONMENTAL IMPACT ASSESSMENT	CV1590



Program offered in





Sr. No.	Name of Course	Course Code
1	SOLID AND HAZARDOUS WASTE MANAGEMENT	CV6203
2	WASTEWATER TREATMENT SYSTEMS	CV6202
3	ENVIRONMENTAL ECOLOGY	CV6140
4	SANITATION BEHAVIOUR AND ADVOCACY	CV6206
5	EMERGENCY SANITATION	CV6204
6	WATER TREATMENT AND SAFE STORAGE	CY1491
7	GREEN CHEMISTRY	CY1515
8	WATER TECHNOLOGY AND SAFE STORAGE AND APPLICATIONS	CY2281
9	FOOD & BEVERAGE - I	HA1551
10	FOOD & BEVERAGE MANAGEMENT	HA1601
11	ENVIRONMENTAL EDUCATION & MANAGEMENT	HA1802
12	SUPPLY CHAIN MANAGEMENT	MB7553
13	QUALITY MANAGEMENT	MC1591
14	PRODUCTION TECHNOLOGY	MC1656
15	PRODUCTION AND OPERATION MANAGEMENT	MC1761
16	PRINCIPLES OF INDUSTRIAL ENGINEERING	ME1792
17	PRODUCTION PLANNING AND CONTROL	ME1794
18	PRODUCTION AUTOMATION	ME6205
19	ENVIRONMENTAL PSYCHOLOGY	PS1507
20	DEVELOPMENTAL PSYCHOLOGY	PS1508
21	ESTIMATION COSTING & VALUATION	CV1701
22	ETHICS, GOVERNANCE, CSR	HA1502
23	FOOD PRODUCTION FOUNDATION - I	HA1101
24	FOOD & BEVERAGE SERVICE FOUNDATION - I	HA1102
25	FOOD PRODUCTION LAB - I	HA1131
26	FOOD & BEVERAGE SERVICE LAB - I	HA1132
27	HOSPITALITY ORGANIZATIONAL BEHAVIOR	HA1604



Program offered in





Sr. No.	Course code	Name of course	Web link of Scheme
1	HA1131	Food Production Lab -I	https://jaipur.manipal.edu/content/dam/manipal/muj/fom/documents/hotelmanagement-eventlist/BHM%20Course%20Structure_2023-27.pdf
2	HA1201	Food Production Foundation -II	https://jaipur.manipal.edu/content/dam/manipal/muj/fom/documents/hotelmanagement-eventlist/BHM%20Course%20Structure_2023-27.pdf
3	HA1231	Food Production Lab -II 0	https://jaipur.manipal.edu/content/dam/manipal/muj/fom/documents/hotelmanagement-eventlist/BHM%20Course%20Structure_2023-27.pdf
4	HA2103	Accommodation Management -I	https://jaipur.manipal.edu/content/dam/manipal/muj/fom/documents/hotelmanagement-eventlist/BHM%20Course%20Structure_2023-27.pdf
5	HA2202	Food &. Beverage Management	https://jaipur.manipal.edu/content/dam/manipal/muj/fom/documents/hotelmanagement-eventlist/BHM%20Course%20Structure_2023-27.pdf
6	HA2133	Accommodation Management Lab 0	https://jaipur.manipal.edu/content/dam/manipal/muj/fom/documents/hotelmanagement-eventlist/BHM%20Course%20Structure_2023-27.pdf
7	HA1203	Travel Agency & Tour Operations	https://jaipur.manipal.edu/content/dam/manipal/muj/fom/documents/hotelmanagement-eventlist/BHM%20Course%20Structure_2023-27.pdf
8	HA4101	Safety, Security and Travel Documentation	https://jaipur.manipal.edu/content/dam/manipal/muj/fom/documents/hotelmanagement-eventlist/BHM%20Course%20Structure_2023-27.pdf
9	HA4102	Hospitality Organizational Behavior	https://jaipur.manipal.edu/content/dam/manipal/muj/fom/documents/hotelmanagement-eventlist/BHM%20Course%20Structure_2023-27.pdf



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17 PARTNERSHIPS
FOR THE GOALS



Program offered in

16 PEACE, JUSTICE AND STRONG INSTITUTIONS





Sr. No.	Name of Course	Course Code
1	CORPORATE LAWS (F 4)	BH2104
2	PUBLIC ECONOMICS	EO1322
3	RURAL ECONOMICS	EO1554
4	COMMUNITY BASED PARTICIPATORY RESEARCH	EO3280
5	PUBLIC RELATIONS AND CORPORATE COMMUNICATION	JC1515
6	MEDIA LAWS AND ETHICS	JC1411
7	INDIAN CONSTITUTION, MEDIA LAWS AND ETHICS	JC6202
8	ADVERTISING AND PUBLIC RELATIONS	JC6203
9	HOT TOPICS IN CRIMINAL JUSTICE	LA0053
10	SPORTS POLICY AND RULES	LA1101
11	LAW OF TORT	LA1102
12	LAW OF GENERAL CONTRACTS	LA1103
13	INTERNATIONAL TRADE AND ECONOMICS	LA1201
14	CRIMINAL PSYCHOLOGY	LA1202
15	LEGAL ENGLISH AND BUSINESS COMMUNICATION	LA1203
16	LEGAL RESEARCH METHODOLOGY	LA1204
17	LAW OF CONSUMER PROTECTION AND MOTOR VEHICLES	LA1205
18	SPECIAL CONTRACTS	LA1206
19	FAMILY LAW-I	LA1501
20	LABOUR LAW-I	LA1502
21	COMPANY LAW-I	LA1503
22	CODE OF CRIMINAL PROCEDURE-I (CRPC-I)	LA1504
23	INTERPRETATION OF STATUTES	LA1505
24	LEGAL THEORY & JURISPRUDENCE	LA1506
25	FAMILY LAW II	LA1601
26	LABOUR LAW II	LA1602
27	COMPANY LAW II	LA1603
28	LAW OF EVIDENCE	LA1604
29	CODE OF CRIMINAL PROCEDURE II	LA1605
30	CHILD AND LAW	LA1606
31	LAW OF PROPERTY & EASEMENT	LA1701
32	PUBLIC INTERNATIONAL LAW-I	LA1702
33	ADMINISTRATIVE LAW	LA1703
34	CODE OF CIVIL PROCEDURE-I (CPC-I)	LA1704
35	FORENSIC SCIENCE & CRIMINAL INVESTIGATION	LA1705
36	ALTERNATIVE DISPUTE RESOLUTION (ADR) (CLINICAL I)	LA1706
37	INTERNATIONAL LAW	LA1707
38	LAND LAWS	LA1801
39	LAND LAWS	LA1801
40	PUBLIC INTERNATIONAL LAW II	LA1802
41	COMPETITION MERGER & ACQUISITION	LA1803



42	CODE OF CIVIL PROCEDURE II	LA1804
43	MEDICAL JURISPRUDENCE	LA1805
44	PRINCIPLES OF DRAFTING AND CONVEYANCING (CLINICAL	LA1806
45	DRAFTING, PLEADING AND CONVEYANCING	LA1807
46	INSURANCE LAW	LA1901
47	INTELLECTUAL PROPERTY RIGHT	LA1902
48	LAW OF TAXATION	LA1903
49	LAW OF TAXATION	LA1903
50	CRIMINOLOGY & PENOLOGY	LA1904
51	RIGHT TO INFORMATION	LA1905
52	PROFESSIONAL ETHICS & BAR-BENCH RELATIONS (CLINICAL III)	LA1906
53	WOMEN AND THE LAW	LA1952
54	HUMAN RIGHTS	LA1X01
55	HUMAN RIGHTS	LA1X01
56	CYBER LAW	LA1X02
57	CYBER LAW	LA1X02
58	ENVIRONMENTAL STUDIES AND LAW	LA1X03
59	ENVIRONMENTAL STUDIES AND LAW	LA1X03
60	BANKING LAW & NEGOTIABLE INSTRUMENT ACT	LA1X04
61	MEDIA & LAW	LA1X05
62	MOOT COURT EXERCISE & INTERNSHIPS	LA1X06
63	CONSUMER AFFAIRS	LA2080
64	ENVIRONMENTAL STUDIES AND LAW	LA2101
65	MEDIA AND LAW	LA2102
66	LABOUR LAW I	LA2103
67	CONSTITUTIONAL LAW I	LA2104
68	LEGAL PHILOSOPHY	LA2201
69	INTERPRETATION OF STATUTES	LA2202
70	LABOUR LAW II	LA2203
71	CONSTITUTIONAL LAW-II	LA2204
72	FAMILY LAW I	LA3101
73	LAW OF CRIMES I	LA3102
74	COMPANY LAW I	LA3103
75	CODE OF CRIMINAL PROCEDURE I	LA3104
76	INTERNATIONAL LAW	LA3105
77	JURISPRUDENCE	LA3106
78	FAMILY LAW II	LA3201
79	LAW OF CRIMES II	LA3202
80	COMPANY LAW II	LA3203
81	CODE OF CRIMINAL PROCEDURE II	LA3204
82	LAW OF EVIDENCE	LA3205
83	RESEARCH METHODS AND LEGAL WRITING	LA6101
84	COMPARATIVE PUBLIC LAW	LA6102



85	COMPETITION LAW	LA6103
86	PRINCIPLES OF CORPORATE LAW	LA6104
87	LAW OF CONTRACT	LA6105
88	CRIMINOLOGY AND CRIMINAL JUSTICE ADMINISTRATION	LA6106
89	VICTIMOLOGY	LA6107
90	CRIMINAL JUSTICE AND HUMAN RIGHTS	LA6108
91	LAW AND JUSTICE IN A GLOBALIZED WORLD	LA6201
92	CYBER LAW	LA6202
93	INTELLECTUAL PROPERTY LAW	LA6203
94	BANKRUPTCY LAW	LA6204
95	DISSERTATION	LA6205
96	INTERNATIONAL CRIMINAL LAW	LA6206
97	CORPORATE CRIMES/WHITE COLLAR CRIMES	LA6207
98	POLICE AND ADMINISTRATIVE LAWS	LA6208
99	JUDICIAL PROCESS	LA8001
100	SOCIAL AND POLITICAL THOUGHT	PH1609
101	INTERCULTURAL PHILOSOPHY	PH1610
102	POLITICAL SCIENCE	PO1301
103	COMPARATIVE GOVERNMENT AND POLITICS	PO1304
104	POLITICAL THEORY	PO1507
105	PUBLIC ADMINISTRATION: THEORY AND PRACTICE	PO1508
106	SOCIAL CHANGE AND DEVELOPMENT	SO1304
107	UNDERSTANDING RURAL SOCIETY: CONTINUITY AND CHANGE	SO1507
108	SOCIOLOGY OF SOCIAL STRATIFICATION IN INDIA	SO1508



17.4.2 Education for SDGs: Specific Programs Courses on Sustainability

The Manipal University Jaipur is committed to providing relevant instruction centered on the SDGs throughout the university, in select programs, and in selected courses in specific programs.

Manipal University offers two programs: **M Tech in Environmental Engineering and M Tech in Non-Sewered Sanitation** in adherence to updated environmental laws and regulations for the development of megacities and the complicated difficulties associated with their hyper-growth. Governments and the public all over the world increasingly anticipate that modern organizations will become more ecologically responsible and take ideas like "Sustainability" and "Life cycle analysis" into consideration. The program offers a comprehensive program covering Wastewater Systems, Solid Waste Management, Waste Treatment Plants, Environmental Remote Sensing, Environmental Systems Modelling, Applied Transport Phenomena, Air Pollution Control Technologies, Environmental Statistics, Sanitation Technology, Environmental Ecology, Urban Environmental Quality Management, Energy, Environment and Climate Change, Leadership in Sanitation and more.

Manipal university also offers a degree in **Master of Architecture in Landscape** to deal with the issue of coexistence. Today, with the rapid growth of cities, sustainable landscape planning and design are a serious concern, because, within the urban context, green areas such as parks, gardens, green belts, and road reserves enable positive human interaction with nature, help maintain natural resources, and form environments that bring in wildlife, especially birds. During rapid urbanization and climate change, wildlife habitats have become indispensable components of the urban fabric and landscape of cities. Urbanization during the latter half of the twentieth century has altered habitats, restructured wildlife communities, and influenced the range sizes and population dynamics of animal species. The program offers Regional Ecology II, Landscape Morphology, Landscape Heritage Conservation, and Environment Laws & Legislations.

Manipal university Jaipur, **M Tech Energy Science and Technology** focused on the in-depth knowledge of various facets of energy. The focus of the program lies in the concept of power generation through a nonconventional route. As the reservoirs of the conventional form of energy such as coal & oil are on the brink of ending, the major portion of global energy requirement is to be met through alternate forms of energy such as solar, wind energy, biomass, etc. The alternate form of energy usage not only meets the major energy requirement but also addresses global emission concerns. The program connects the various forms of energy and their importance in our lives and for the development of our nation. This program is a unique multidisciplinary program with solutions for the energy crisis as well as an environmental concern.

Manipal University Jaipur' Dedicated Courses Embracing Sustainability and the SDGs

Manipal University Jaipur has taken a progressive leap in addressing the pressing global challenges outlined by the Sustainable Development Goals (SDGs) by introducing dedicated courses focused on sustainability. These specialized academic offerings stand as a testament to higher education institutions' commitment to nurturing a generation of students equipped with the knowledge and skills to drive change towards a more sustainable world.

The integration of dedicated courses addressing sustainability and the SDGs represents a paradigm shift in academia. These courses cover a wide spectrum of disciplines, delving into environmental sustainability, social equity, economic development, responsible business practices, and governance for sustainable development. Their comprehensive nature offers students a holistic understanding of the interconnected challenges facing society. One of the significant advantages of these dedicated courses lies in their interdisciplinary approach. They encourage students from diverse academic backgrounds to explore and integrate sustainability principles within their respective fields. This integration fosters a nuanced understanding of how sustainability applies across various disciplines, from sciences and engineering to social sciences, business, and the arts.

Manipal University Jaipur offers students the opportunity to engage in hands-on experiences, including open elective courses, program elective courses, projects, internships, case studies, and fieldwork that address real-world sustainability challenges. The Outcome-based education empowers students to practice theoretical understanding into impactful action. Critical thinking and problem-solving skills stimulate innovative solutions to complex global challenges. The emphasis on developing analytical and problem-solving abilities allows students to approach sustainability issues creatively. This approach encourages the development of adaptive strategies and solutions that can address the diverse and evolving challenges faced in the pursuit of the SDGs.

SDG courses contribute to the development of future leaders committed to driving impactful change. By nurturing leadership qualities and instilling a sense of responsibility, they equip students with the capacity to drive sustainable initiatives and influence decision-making processes in their respective fields.

MANIPAL UNIVERSITY JAIPUR
Department of Civil Engineering
M Tech (Environmental Engineering)
Batch – 2021-2022

Year	FIRST SEMESTER						SECOND SEMESTER					
	Sub. Code	Subject Name	L	T	P	C	Sub. Code	Subject Name	L	T	P	C
I	CV6102	Air Pollution Monitoring and Control	3	1	0	4	CV6201	Environmental Impact Assessment	4	0	0	4
	CV6103	Water Treatment and Sanitation Systems	3	1	0	4	CV6202	Wastewater Treatment Systems	3	1	0	4
	CV6107	Energy, Environment and Climate Change	3	1	0	4	CV6203	Solid and Hazardous Waste Management	3	1	0	4
	CV61XX	Program Elective – I	3	0	0	3	CV62XX	Program Elective – II	4	0	0	4
	MA6104	Statistics, Probability and Reliability	3	1	0	4	CV62XX	Program Elective – III	4	0	0	4
	DR6001	Research Methodology	3	0	0	3	-----	Open Elective	3	0	0	3
	CV6130	Environmental Engineering Lab - I	0	0	2	1	CV6230	Environmental Engineering Lab - II	0	0	2	1
	CV6180	Minor Project	0	0	2	1	CV6235	Seminar	0	0	2	1
							CV6280	Minor Project	0	0	2	1
			18	4	4	24		21	2	6	26	
	Total Contact Hours (L + T + P)		26			Total Contact Hours (L + T + P) + OE		29				
THIRD AND FOURTH SEMESTER												
IV	CV7080	Dissertation							0	0	0	25
							Total Contact Hours (L + T + P) + OE		0			

Program Elective – I		Open Elective	
Sub. Code	Subject Name	Sub. Code	Subject Name
CV6140	Environmental Ecology	CV6280	Environmental Management
CV6141	Urban Environmental Quality Management		
CV6144	Environmental Chemistry and Microbiology		
Program Elective – II			
CV6240	Environmental Economics and Management		
CV6241	Advanced Wastewater Treatment		
CV6242	Environmental Hydrology		
Program Elective – III			
CV6243	Mathematical Modelling in Environmental Engineering		
CV6244	Remote Sensing and GIS Applications		
CV6245	Risk Assessment and Disaster Management		
CV6246	Industrial Waste Management and Disposal		

Syllabus for M.Tech. Environmental Engineering

First Semester

CV6102: AIR POLLUTION MONITORING AND CONTROL [3 1 0 4]

Introduction: Definition of Air Pollution, Global effects of air pollution, Air Pollution Episode, Sources and types of air pollutants, Effect of air pollutants on human beings, plants, animals and economic aspects. Air pollution control acts, ambient air quality standards, sampling and measurement of particular and gaseous pollutants. Air Quality Index. Meteorology: Environmental factors, Elemental properties of the atmosphere, plume dispersion, modelling, maximum mixing depth, stack design. Controlling of Air Pollution and controlling equipments. Gaseous pollutants – absorption, adsorption devices, combustion and condensation devices. Noise Pollution and Control: Sources & Effects, Kinetics of noise, Measurements and control, Noise standards and case studies.

References:

1. Noel de Nevers, *Air Pollution Control Engineering*, McGraw Hill, Inc. New York, 1995.
2. S. P. Mahajan, *Pollution Control in Process industries*, TMH Publishing Co., New Delhi, 2000.
3. A. C. Stern, *Air Pollution*, Academic Press, Inc. New York, 1991.
4. Howard S. Peavy, Donald R. Rowe, George Tchobanoglous, *Environmental Engineering*, McGraw Hill, Singapore, 1986.

CV6103: WATER TREATMENT AND SANITATION SYSTEMS [3 1 0 4]

Water Quality: Definitions and Concepts, Water sources, characteristics and water quality standards, Estimation of water quantity. Water Treatment: Theory and design of Conventional Unit Operations used in Water Treatment, Advanced Water Treatment: Theory and Design of Advanced Unit Operations used in Water Treatment: Membrane processes, Ion Exchange, Aeration/stripping, Precipitation, Adsorption, Oxidation-reduction and advanced oxidation processes; Methods of Low Cost Water Treatment, Water supply concept during emergencies. Water Quality Index (WQI), Basics of distribution system design. Sanitation Systems: Introduction, City wide sanitation planning, Types of Compendium. Sanitation products, functional group, Single and double pit technologies, Anaerobic sanitation technologies, Emerging sanitation technologies, Collection and Conveyance: Container and sewer based sanitation systems.

References:

1. L. D. Benefield, J. F. Judkins, B. L. Weand, *Process Chemistry for Water and Wastewater Treatment*, End ed., Prentice-Hall, Inc. New Jersey, USA, 1982.
2. V.M. Ehlers, E.W. Steel, *Municipal and Rural Sanitation*. New York: McGraw Hill Book Company, 1927.
3. C. Sawyer, P. McCarty and G. Parkin, *Chemistry for Environmental Engineering and Science*, 5/e, McGraw Hill, New Delhi, 2003.
4. Howard S. Peavy, Donald R. Rowe, George Tchobanoglous, *Environmental Engineering*, McGraw Hill, Singapore, 1986.

CV6107: ENERGY, ENVIRONMENT AND CLIMATE CHANGE [3 1 0 4]

Overview on the Earth's energy requirement vis-à-vis Climate Change. Origins of the terrestrial atmosphere. Earth's early atmosphere. Introduction to Climate. Layers of atmosphere. Composition of atmosphere. Atmospheric chemistry, greenhouse gases and O₃ depletion problem. Energy Balance: Earth –Atmosphere System. Solar and Terrestrial Radiation. Solar variability and the Earth's Energy Balance. Atmospheric Chemistry and Climate Change. Atmospheric Aerosol and Cloud Effects on Climate. Environmental Variability: Natural and Anthropogenic. Effects of urbanization, Landscape changes, Desertification and Deforestation. International Forums: Safeguarding Future Climate. The role of International Bodies. Kyoto and Montreal Protocol. Intergovernmental Panel on Climate Change (IPCC 2007). The Stern Report. Carbon Credits. Indian Context. Alternative Energy Sources: Solar, Wind, Hydro Power and Nuclear Energy. Predicting Future Climate Change: Global Climate Models.

References:

1. J. Jaeger, *Climate and Energy Systems - A review of their interactions*, John Wiley, 1983.
2. R. Wolfson, *Energy, Environment and Climate*, W. W. Norton & Co., Inc., New York, 2008.
3. W. R. Cotton, R. A. Pielke, *Human Impacts on Weather and Climate*, Cambridge University Press, 2007.
4. R.B. Stull, *Introduction to Boundary Layer Meteorology*, Reidel Publishing Co., Dordrecht, 1988.

MA6104: STATISTICS, PROBABILITY AND RELIABILITY [3 1 0 4]

Basics of Statistics: Random Variables and its Properties. Applications of Mean, Median, Mode, Standard Deviation, Correlation Coefficient in Analyzing Quality Related Data, Preliminary Analysis of

Data by Graphical Representation, Measure of Central Tendency Dispersion, Peakedness in Context with Construction Industry and Quality Control Problems, Dependent Variables, Co-Relation, Co-Relation Coefficient and It's Significance; Basic Probability: Probability of Discrete and Continuous Variables, Probability Mass Function, Probability Density Function, Cumulative Density Function, Discrete and Continuous Standard Probability Distributors and their Properties, Central Limit Theorem, Equivalent Normal Distribution for Non-Normal Distributions, Utilization of Random Events, Measures of Probability Concepts for Quality Control Related Issues, Applications of Frequency Distribution and Probability, Probability Distributors, Continuous And Discrete Distributions in Analyzing Data Related to Process and Quality Control, Goodness of Fit Tests, Chi-Square Test, Kolmogorov-Smirnov Goodness of Fit Test and Two Sample Test, Monte-Carlo Simulation; Reliability Analysis: Concept of Reliability, Risk and Safety Factors. Safety Margin Function, Reliability Index, FOSM Method of Reliability Analysis, Application of FOSM to Linear and Non Linear Safety Margin Functions-Hasofer-Lynd Method.

References:

1. L.T. Blank, *Statistical Procedures for Engineering, Management, and Science*, Mc-Graw Hill Series in Industrial Engineering and Management Science, 1982.
2. A.H.S. Ang, W.H. Tang, *Probability Concepts in Engineering: Emphasis on Applications to Civil and Environmental Engineering*, John Wiley & Sons; 2nd edition (2006)
3. N.T. Kottegoda, Rosso Renzo, *Statistics, Probability and Reliability Methods for Civil and Environmental Engineers*, McGraw-Hill College (1997).
4. W. Mendenhall, D. D. Wackerly, R. L. Scheaffer, *Mathematical Statistics with Applications*, 7th Edition, Thomson Brooks/Cole, 2008.
5. K. M. Ramachandran, C. P. Tsokos, *Mathematical Statistics with Applications*, Academic Press, 2009.

DR6001: RESEARCH METHODOLOGY [2 0 0 2]

Meaning of research, type of research, Qualitative and quantitative research, defining research problem, review of literature, formulation of theory & hypothesis, data collection, data analysis: hypothesis testing, ANOVA, regression analysis, reporting research findings. Design of experiments, Full and fractional factorial experiments, randomized block design, latin square design, robust design, taguchi method.

References:

1. C. R. Kothari, *Research methodology: methods and techniques*, New Age International Publication Ltd, 2018.
2. J. W. Creswell, *Research Design*, Sage South Asia Edition, 2009
3. D.G. Montgomery, *Design and Analysis of Experiments*, John Willy India Edition, 2016

CV6130: ENVIRONMENTAL ENGINEERING LABORATORY- I [0 0 2 1]

Analysis of water/wastewater for physicochemical parameters: Total solids, total dissolved solids, and volatile solids, Turbidity, alkalinity, pH, hardness, chlorides, sulphates, ammonical nitrogen, nitrates, sulphate, oil and grease, available chlorine, dissolve oxygen, biochemical oxygen demand, chemical oxygen demand. Residual chlorine and chlorine demand, determination of available chlorine in Bleaching powder, Determination of Calcium, Potassium, Sodium and Lithium. Determination of heavy metals in aqueous solution – Chromium, Lead and Zinc. Coagulation and flocculation of water – optimization of dose / pH / time of flocculation. Characteristics of Industrial wastewater. Analysis of solid wastes: characterisation of wastes from different industries.

References:

1. Standard Methods for the Examination of Water and Waste Water - ALPHA - AWWA – WPCF.
2. C. Sawyer, P. McCarty, G. Parkin, *Chemistry for Environmental Engineering*, McGraw Hill, New York. 1994.
3. IS: 3025 - 1964 - *Methods of Sampling and Test (Physical and Chemical) for Water Used in Industry*, IIT New Delhi.
4. Drinking water Standards IS: 10500-1991.

CV6180: MINOR PROJECT [0 0 2 1]

Students will undertake a project in the domains pertaining to relevant specialization

PROGRAM ELECTIVES – I**CV6140: ENVIRONMENTAL ECOLOGY [4 0 0 4]**

Concepts & Fundamentals of ecology, Natural ecosystems and their food chains, food webs, bioenergetics, biochemical cycles and ecological succession. Ecological engineering principles, Biological diversity and its importance, reduction in biological diversity, Ecosystem Responses: Ecosystems responses to de-oxygenation nutrient enrichment, pesticides, hydrocarbons, metal and salts, thermal pollution, suspended solids and silt. Community Ecology: Principles of population and

community ecology, concepts of systems and models, building and analysis of models, environmental systems, structures and interaction between coastal aeolian, glacial, fluvial, weathering, soil and detrital systems. Integration Ecological Principles: Integration of classical, agro and restoration ecological principles and methods, Biomonitoring and its role in the evaluation of aquatic ecosystem, rehabilitation of ecosystem, Introductory models of ecosystems.

References:

1. E. P. Odum, G.W. Barrett, *Fundamentals of Ecology*, Thomson, 2002.
2. I. D. White, D. N. Mottershead, S. J. Harrison, *Environmental Systems: An Introductory Text*, Chapman and Hall, London, 1992.
3. P. A. Colinvaux, *Introduction to Ecology*, John Wiley & Sons, New York, 1973.

CV6141: URBAN ENVIRONMENTAL QUALITY MANAGEMENT [4 0 0 4]

Urbanisation & Pollution: Consequences of urbanization, Sources of pollution to the urban environment: Status of pollution levels in major cities, Air & Noise Pollution in Urban Environment: Sources, nature and effect of air pollution on Urban Environment. Air pollution Indices, Sources of noise pollution, Status and effect of noise pollution in major cities. Water and Land pollution in Urban Environment: Water demands and pollution in urban areas, Sources of land pollution in urban areas: Impact of urban soil pollution on quality of living system. Management of Urban Environment Quality: Land use planning – traffic management. Safe municipal water supply and planning of safe municipal water supply and drainage system, solid waste management including disposal, abatement of noise pollution, regulation of settlements. Natural Conservation: Planning of urbanization on ecological basis, preservation and development of green recovery areas. Urban Disaster Management: Management of Industrial explosions, landslides, earthquakes, Floods and Management of epidemics.

References:

1. C. K. Varshney, *Water Pollution and Management*, Wiley Eastern Ltd., New Delhi, 1998.
2. S. Plowden, *The Cost of Noise*, London, Metra, 1996.
3. A.B. Gallion, S. Eisner, *The Urban Pattern: City Planning and Design*, Van Nostrand, 1963.
4. M. J. Suess, S. R. Craxford, *Manual on urban air quality management*, WHO, Copenhagen, 1976

CV6144: ENVIRONMENTAL CHEMISTRY AND MICROBIOLOGY [3 1 0 4]

Importance of Environmental Chemistry, Types of reactions, Redox reactions, Reaction kinetics, Electrochemistry and its applications. Physical and equilibrium chemistry: fundamentals and applications. Trace Contaminants and their analyses, Buffers and Buffer index, Colloidal Chemistry: Properties of colloids, colloidal dispersions, stability of colloids and applications. Colourimetry: Principles and applications. Applications of Analytical Chemistry: emission and absorption techniques. Microbiology: Microorganisms in air, water and soil environment. Principle and applications of microscopy, microscopic flora and fauna, Metabolism and metabolic pathways, Bio-concentration, Bio-magnification and Bio-accumulation. Bacteria: Morphology, typical growth curve and generation time. Measurement Techniques: APC, MPN (Probability and Thomas methods), Enzymes classification, kinetics - Michaelis-Menten equation, factors influencing enzyme reaction.

References:

1. R. E. McKinney, *Microbiology for Sanitary Engineers*, New York McGraw Hill, 1962.
2. C. Sawyer, P. McCarty and G. Parkin, *Chemistry for Environmental Engineering and Science*, 5/e, McGraw Hill, New Delhi, 2003.
3. M. J. Pelczar, ECS Chan, N. R. Krieg, *Textbook of Microbiology*, 5e, Tata McGraw Hill Publishing Co. Ltd., New Delhi, 1998.
4. A. F. Gaudy, *Microbiology for Environmental Scientists and Engineers*, McGraw Hill, 1980.

Second Semester

CV6201: ENVIRONMENTAL IMPACT ASSESSMENT [4 0 0 4]

Concepts of EIA: Effect of human activity on environment, concept of eco-system imbalances, definition of EIA, EIS, EMP, industrial policy of the Govt. of India. Prediction and assessment of impacts on air, water, biota, noise, cultural and socio-economic environment, Air quality indices, air quality impact of industry transport systems, human settlements. Methods of assessment, litigation of impact. Water quality impact: Water quality criteria, standards and indices, Impacts on water quality of development projects. Biota: Impact on fauna and flora, mitigation measures, alternatives. Noise: Effects of noise on people, noise scales and rating methods. Estimating transportation noise impacts. Cultural and socio economic impacts: Effect of developmental projects on cultural and social settings and economic profile of the community. Energy impact: EIA of hydro, thermal and nuclear power plants. Methodologies for EIA: Preliminary assessment, quantification, comparison of alternatives and comprehensive EIAs

References:

1. L. W. Canter, *Environmental Impact Assessment*, (2e), McGraw-Hill, 1997.
2. Y. Anjaneyulu, V. Manickam, *Environmental Impact Assessment Methodologies*, CRC Press, 2011.
3. J. Petts, G. Eduljee, *Environmental Impact Assessment for Waste Treatment and Disposal Facilities*, John Wiley & Sons, 1994.
4. G. Burke, B. R. Singh, L. Theodore, *Handbook of Environmental Management and Technology*, (2e), John Wiley & Sons, 2004.

CV6202: WASTEWATER TREATMENT SYSTEMS [3 1 0 4]

Introduction: Objectives of treatment, wastewater characteristics, flow variations and hydraulic profile, types of reactors, CSTR and PFR reactors analysis. Wastewater Treatment: Types and basics working principles of treatment unit, Theoretical principles and design: Suspended growth and attached growth system, Designing and related kinetics of various wastewater treatment unit, Sludge Processing: Separation - sludge thickeners, volume reduction, conditioning and digestion – aerobic and anaerobic. Advanced Wastewater Treatment: Need and technologies used. Nitrification and Denitrification Processes, Phosphorous removal. Wastewater disinfection. Treatment and Disposal of wastewater: Compact, simple and low cost wastewater treatment units in rural areas; Effluent disposal. Integrated water resource management & health, Concept of Total sanitation, Sanitation under emergencies.

References:

1. A. R. N. Sankar, *Environmental Management*, Oxford University Press, New Delhi, 2015.
2. M. M. Sulphay, *Introduction to Environmental Management*, PHI Learning, New Delhi, 2013.
3. C. C. Lee, S.D. Lin, *Handbook of Environmental Engineering Calculations*, McGraw Hill, New York, 1999.
4. C. Sawyer, P. McCarty and G. Parkin, *Chemistry for Environmental Engineering and Science*, 5/e, McGraw Hill, New Delhi, 2003.

CV6203: SOLID AND HAZARDOUS WASTE MANAGEMENT [3 1 0 4]

Municipal Solid Waste Management: Legal and Organizational foundation: Definition, sources and types of solid waste, major legislation, monitoring responsibilities, sampling and characterization, storage and handling of solid waste. Collection and transport of solid waste: types of collection systems, analysis of collection system. Transport means and methods, transfer station types and design requirements. Process of Solid Waste and Energy recovery, Geo-environmental investigations, engineered sites, leachate control and treatment, gas recovery and control, including utilization of recovered gas (energy), and landfill monitoring and reclamation, Integrated waste management facilities. Economics of the on-site v/s off-site waste management options. Natural attenuation process and its mechanisms. Household Hazardous Waste Management: Definition and identification of hazardous wastes-sources and characteristics, Design practices. Hazardous waste regulations, handling, storage, collection and transport of hazardous waste..

References:

1. G. Tchobanoglous, F. Kreith, *Handbook of Solid Waste Management*, McGraw-Hill Education, 2002.
2. A. Bagchi, *Design, Construction, and Monitoring of Landfills*, Wiley Interscience, 1994.
3. G. Tchobanoglous, H. Theisen, S.A. Vigil, *Integrated Solid Waste Management: Engineering Principles and Management Issues*, McGraw- Hill Publication, 1993.
4. C. A. Wentz, *Hazardous Waste Management*, McGraw-Hill Publication, 1995.

CV6230: ENVIRONMENTAL ENGINEERING LABORATORY-II [0 0 2 1]

Determination of phenol compounds and total/ kjeldhal nitrogen in wastewater, Determination of total phosphate, sulphate of the given sample, Settling-column analysis, Microscopic examination of micro-organisms, Plate count test, MPN count-total and faecal, Sampling and analysis of inorganic and organic substances. Ambient air quality monitoring: Determination of PM₁₀, PM_{2.5}, SO_x, NO_x, CO. Demonstration of stack monitoring. Measurement of noise pollution. Use of analytical instrument such as AAS, Gas Chromatography, LC for gas and micro-pollutant analysis

References:

1. Standard Methods for the Examination of Water and Waste Water - ALPHA - AWWA – WPCF.
2. C. Sawyer, P. McCarty, G. Parkin, *Chemistry for Environmental Engineering*, McGraw Hill, New York. 1994.
3. IS: 3025, *Methods of Sampling and Test (Physical and Chemical) for Water Used in Industry*, IIT New Delhi, 1964.

CV6235: SEMINAR [0 0 2 1]

Students will present a seminar on topic related to relevant specialization.

CV6280: MINOR PROJECT [0 0 2 1]

Students will undertake a project in the domains pertaining to relevant specialization.

PROGRAM ELECTIVES – II**CV6240: ENVIRONMENTAL ECONOMICS AND MANAGEMENT [4 0 0 4]**

Sustainable Development: Introduction to sustainable development, Economy-Environment inter-linkages, Environmental Kuznets curve, Economics of energy, scarcity, optimal resources, backstop technology. Economic significance, causes and analysis of environmental degradation, Concepts of policy failure, Equi-marginal principle. Economics of Pollution, regulation, monitoring and enforcement, managing pollution using existing markets: Bargaining solutions, Cost-benefit analysis, Concept of Total Economic Value, Alternative approaches. Economics of biodiversity, Policy responses at national and international levels. Economics of Climate Change.

References:

1. D. W. Pearce, A. Markandya, E. B. Barbier, *Blueprint for a Green Economy*, Earthscan, London, 1989.
2. D. W. Pearce, R. K. Turner, I. Bateman, *Environmental Economics: An Elementary Introduction*, Harvester Wheatsheaf, London, 1994.
3. D.W. Pearce, R. K. Turner, *Economics of Natural Resources and the Environment*, Harvester Wheatsheaf, London, 1990.
4. Michael S. Common, Michael Stuart, *Environmental and Resource Economics: An Introduction*, 2nd Edition, Harlow: Longman, 1996.

CV6241: ADVANCED WASTEWATER TREATMENT [4 0 0 4]

Importance of Advanced Wastewater Treatment, Basis of process selection and development of treatment flow sheets. Biological nutrient removal process, conventional biological nitrification/denitrification processes and its process fundamentals. Sequencing Batch Reactor (SBR) and Simultaneous Nitrification – Denitrification (SND) processes. Membrane Bio-Reactor for removal of organic pollutants and suspended solids, Other new treatment technologies Physical and chemical treatment methods, Removal of phosphorus by chemical addition. Refractory Organics and Dissolved Inorganic Substances Removal: Advanced Oxidation Processes (AOP)/ Adsorption / Chemical precipitation / Ion Exchange / Membrane Processes. Wastewater Reclamation/Reuse/Disposal: Direct and indirect reuse of wastewater- Municipal reuse/industrial reuse/agricultural reuse/ recreational reuse/ground water recharge. Criteria and disposal of effluent in to lakes, rivers and ocean.

References:

1. A. R. N. Sankar, *Environmental Management*, Oxford University Press, New Delhi, 2015.
2. M. M. Sulphery, *Introduction to Environmental Management*, PHI Learning, New Delhi, 2013.
3. C. C. Lee, S.D. Lin, *Handbook of Environmental Engineering Calculations*, McGraw Hill, New York, 1999.
4. C. Sawyer, P, McCarty and G. Parkin, *Chemistry for Environmental Engineering and Science*, 5/e, McGraw Hill, New Delhi, 2003.

CV6242: ENVIRONMENTAL HYDROLOGY [4 0 0 4]

Concepts of Hydrology: definition, scope and role of environmental hydrology. Types of data, sources, River hydrology, catchment, waterways, water-shed, Surface water characteristics, Ground water occurrence, types of aquifers, Environmental Influences, fluctuation due to evapotranspiration, meteorological effect of tides, recharge. Ground Water Pollution: Quality analysis, sources of pollution monitoring quality, sea water intrusion, and preventive measures. Ground Water Modelling: contamination modelling, flow modelling, transport modelling, Accuracy of models, Application of Numerical methods, Modelling of subsurface transport of microorganisms, Hydrological Consequences: Eco-hydrological consequences of Environmental degradation water conservation, planning and impact process, mitigation of impact processes.

References:

1. P. V. Singh, *Environmental Hydrology*, Kluwer Academic Publishers, London, 1997.
2. D. K. Todd, *Ground water Hydrology*, John Willy Sons, New York, 2004.
3. H. Nash, G. J. H. McCall, *Ground water Quality*, Chapman & Hall Publishers, London, 1995.
4. H. M. Raghunath, *Ground water*, Willy and Eastern publication, New York, 1987.
5. Ray K. Linsley, Joseph B. Franzini, *Water Resource Engineering*, Mc Graw Publications, New York, 1987.

PROGRAM ELECTIVES – III**CV6243: MATHEMATICAL MODELLING IN ENVIRONMENTAL ENGINEERING [4 0 0 4]**

Basics and Necessity of Modelling, Earth's atmosphere, Lapse Rate Quantification, stability states, Quantification of wind circulation and geo-strophic winds. Material Mass-Energy flows balances, Air Pollution Modelling, Boundary Layer: mixing length and eddy diffusion, Gaussian Plume Model. Plume Rise estimation. Simple noise quality models: Models for Roadway Noise, Modelling the mass transport of Sulphur Dioxide into falling rain drops. Reaction Pathways. Mass and Charge Balance. Normalization of the Convective Diffusion Equation. Modelling the Homogeneous and Heterogeneous Pathways for Ozone depletion. Global Warming and Climate Change Modelling: Solar and Terrestrial Radiation. Quantifying the Green House Effect. A model for estimating the Equilibrium temperature of the Earth. Aerosol and cloud processes. The Basic tenets of Global Circulation Models for Weather Forecasting, Water Quality Modelling, Solid waste modelling, Modelling the methane potential of discards.

References:

1. J. Smith, P. Smith, *Introduction to Environmental Modelling*, OUP, 2009.
2. G. M., Master, *Introduction to Environmental Engineering and Science* Prentice-Hall of India, New Delhi, 3rd Edition, 2007.
3. H.S. Peavy, D.R. Rowe, G. Tchobanoglous, *Environmental Engineering*, McGraw-Hill Book Company, New York. 1985.
4. R.B. Stull, *Introduction to Boundary Layer Meteorology*, Reidel Publishing Co., Dordrecht, 1988.

CV6244: REMOTE SENSING AND GIS APPLICATIONS [4 0 0 4]

Basics of Remote Sensing: Introduction to remote sensing, Electromagnetic radiation, Characteristic of real remote sensing systems, Satellite - Indian remote sensing satellite Sensors and Retrievals. Image interpretation & Processing: Elements and concept of image interpretation, Basics of GIS: Introduction to GIS, History of development of GIS, Elements of GIS, Computer hardware and software, GIS Analysis: Map overlay, Vector and raster data model, Mapping concept, Data storage and database management, Development of map overlay, Overlay operation, Applications of GIS and remote sensing in Energy & Environmental Engineering.

References:

1. A. N. Patel, S. Singh, *Remote Sensing Principles and Applications*, Scientific Publisher, Jodpur, 1999.
2. P. A. Burrough, *Principle of Geographical Information Systems for Land Resources Assessment*, Clarendon Press, Oxford, 2000.
3. T. M. Lilles, R. W. Kiefer, *Remote Sensing and Image Interpretation*, John Wiley & Sons, New York, 1999.
4. K.C. Clarke, B.O. Parks, M.P. Crane, *Geographic Information Systems and Environmental Modeling*, Prentice-Hall of India, 2005.

CV6245: RISK MANAGEMENT AND DISASTER MANAGEMENT [4 0 0 4]

Risk Assessment: Methodologies and Guidelines: Principles, Code of practice, Emergency plans, Occupational Health and Safety, Risk analysis survey and health evaluation, behavioural studies, epidemiological approach, Risk assessment techniques, Risk Assessment and Disaster Response, Quantification Techniques, NGO Management, SWOT Analysis based on Design & Formulation Strategies, Insurance & Risk Management. Disaster Management: Introduction & Dimensions of Natural & Anthropogenic Disasters, Principles/Components of Disaster Management, Role of Union/States, Armed Forces/Other Agencies in Disasters, Role of Financial Institutions in Mitigation Effort, Concept of Team Building, Motivation Theories and Applications, School Awareness and Safety Programs, Psychological and Social Dimensions in Disasters, Trauma and Stress, Emotional Intelligence, Electronic Warning Systems. Use of Information systems, Experiences and case studies.

References:

1. V. K. Rao, *Environmental Strategic Hand book*, Mc-graw Hill Inc., New York, 1994.
2. W. B. Neely, G. E. Blan, *Environmental Exposure from chemicals*, Volume II, CHC Press Inc., Florida, 1989.
3. W. E. Woodsen, *Human factors design handbook – information and guidelines for design to systems, facilities, equipment and product for human use*, Mc Graw Hill, New York, 1981.

CV6246: INDUSTRIAL WASTE MANAGEMENT AND DISPOSAL [4 0 0 4]

Introduction: Industrial scenario in India, Sources, types and disposal of Industrial wastewater, Regulatory requirements, generation rates, characterization and variables, Individual and Common Effluent Treatment Plant, Cleaner production: Waste management approach, Waste audit, Material and process modifications, Zero discharge processes- case studies. Treatment and Disposal of industrial effluents, Treatment and disposal of solid wastes: Sources and quantities of solid waste from industrial processes, Waste classification, Residuals of industrial wastewater treatment, Case studies.

References:

1. W. W. Eckenfelder, *Industrial Water Pollution Control*, Mc-Graw Hill, 1999.
2. L. N. Nelson, *Liquid waste of Industry, Theories, Practice and Treatment*, Addison-Wesley Publishing Company, London, 2000.

3. World Bank Group, *Pollution Prevention and Abatement Handbook – Towards Cleaner Production*, World Bank and UNEP, Washington D.C., 1998.
4. R. L. Stephenson, J. B. Blackburn, *Industrial Wastewater Systems Handbook*, Lewis Publishers, New York, 1998.

OPEN ELECTIVE

CV6280: Environmental Management [3 0 0 3]

Environmental Economics: Introduction, Economic Tools for Evaluation, Cleaner Development Mechanisms (CDM) and their Applications; Environmental Laws and Policies: Water Act, Air Act, Environment Protection Acts, Solid Waste Management Rules, Hazardous and Biomedical Waste Rules; Environmental Audit: Methods, Procedure, Reporting and Case Studies; Environmental Management System and Techniques: Environmental Safety and ISO 14000 Standards, ISO 14001 Standards, Environmental Management Systems, (EMS) Total Quality Management (TQM) and Total Safety Management (TSM), ISO 9000 and ISO 18000 Standards.

References:

1. A. R. N. Sankar, *Environmental Management*, Oxford University Press, New Delhi, 2015.
2. M. M. Sulphery, *Introduction to Environmental Management*, PHI Learning, New Delhi, 2013.
3. MOEF, Government of India, “*Carrying Capacity Based Developmental Planning Studies for the National Capital Region*”, 1995-96.
4. *Environmental Laws* - MOEF, Government of India.

Third and Fourth Semester

CV7080: DISSERTATION [0 0 0 25]

Students will undertake a project in the domains pertaining to relevant specialization.

MANIPAL UNIVERSITY JAIPUR
Department of Civil Engineering
M Tech (Non Sewered Sanitation)
Batch – 2021-2022

Year	FIRST SEMESTER						SECOND SEMESTER					
	Sub. Code	Subject Name	L	T	P	C	Sub. Code	Subject Name	L	T	P	C
I	CV6104	Sanitation Technology	3	1	0	4	CV6204	Emergency Sanitation	4	0	0	4
	CV6105	Sanitation Flow Analysis	3	1	0	4	CV6205	Project Management	3	1	0	4
	CV6106	Sanitation and Public Health	3	1	0	4	CV6206	Sanitation Behaviour and Advocacy	3	1	0	4
	CV61XX	Program Elective – I	3	0	0	3	CV62XX	Program Elective – II	4	0	0	4
	MA6104	Statistics, Probability and Reliability	3	1	0	4	CV62XX	Program Elective – III	4	0	0	4
	DR6001	Research Methodology	3	0	0	3	-----	Open Elective	3	0	0	3
	CV6130	Environmental Engineering Lab - I	0	0	2	1	CV6230	Environmental Engineering Lab - II	0	0	2	1
	CV6180	Minor Project	0	0	2	1	CV6235	Seminar	0	0	2	1
							CV6280	Minor Project	0	0	2	1
		18	4	4	24			21	2	6	26	
	Total Contact Hours (L + T + P)		26			Total Contact Hours (L + T + P) + OE		29				
	THIRD AND FOURTH SEMESTER											
IV	CV7080	Dissertation							0	0	0	25
							Total Contact Hours (L + T + P) + OE		0			

Program Elective – I		Open Elective	
Sub. Code	Subject Name	Sub. Code	Subject Name
CV6140	Environmental Ecology	CV6290	Sanitation Financing
CV6141	Urban Environmental Quality Management		
CV6142	Energy, Environment and Climate Change		
CV6143	Leadership in Sanitation		
Program Elective – II			
CV6240	Environmental Economics and Management		
CV6241	Advanced Wastewater Treatment		
CV6242	Environmental Hydrology		
CV6248	Sanitation Governance		
Program Elective – III			
CV6243	Mathematical Modelling in Environmental Engineering		
CV6244	Remote Sensing and GIS Applications		
CV6245	Risk Assessment and Disaster Management		
CV6246	Industrial Waste Management and Disposal		
CV6247	Research Theory & Practices		

Syllabus of M. Tech. Non Sewered Sanitation

FIRST SEMESTER

CV6104: SANITATION TECHNOLOGY [3 1 0 4]

Introduction to types of onsite sanitation system – Introduction to different type of user interface, Types of containment system, Treatment mechanism of onsite sanitation system Twin pit latrine, septic tanks etc. Determination of Qualities and Quantities (Q&Q) of FS. Innovation in treatment technology such as solar septic tank, tiger toilet etc. Onsite sanitation treatment technologies :- Carbon, nitrogen and phosphorus removal & recovery; sludge treatment, Case Studies in Sanitation, Faecal sludge treatment technologies, Innovation processes, collection and transport, Introduction to Urban Drainage and Sewerage.

References

1. Elizabeth Tilley, Lukas Ulrich, Christoph Lüthi, Philippe Reymond, Roland Schertenleib and Christian Zurbrugg. *Compendium of*
2. *Sanitation Systems and Technologies*. Eawag, IEEEE, Vancouver: IWA Publishing, 2016.
3. Ligon, David M robbins and Grant C. *How to design wastewater systems for local conditions in developing countries*. London SW1H 0QS, UK: IWA publishing, 2014.
4. Linda Strande, Mariska Ronteltap, Damir Brdjanovic. *Faecal Sludge Management: Systems Approach for Implementation and Operation*. London SW1H 0QS, UK: IWA Publishing, 2014.
5. Miriam Englund, Linda Strande. *Faecal Sludge Management: Highlights and Exercises*. Switserzland: IWA publishing, 2019.
6. Organisation, World Health. *Guidelines on Sanitation and Health*. Geneva: World Health Organisation, 2018. English.
7. Shubhra Singh, Riya Rachel Mohan etal. "Technology options for faecal sludge management in developing countries: Benefits and revenue from reuse." *Environmental Technology & Innovation* (2017).

CV6105: SANITATION FLOW ANALYSIS [3 1 0 4]

Analysis of sanitation streams, Details of Solid in sludges , measure of organic and inorganic in FS, determination of quantity of faeces and urine, parameters tested should include chemical, physical and biological, Classification of waste types, Current legislation, Introduction to sanitation streams as a raw material, Introduction to FSSM policy India and Implementation status, Analysis using Shit Flow Diagram, Review of potential Laboratory - Review of pollution and health issues associated with sanitation streams, Sanitation streams and typical characteristics.

References

1. Development, Ministry of Urban. *National Policy on Faecal Sludge & Septage Management*. National Policy. New Delhi: Government of India, 2017.
2. Linda Strande, Mariska Ronteltap, Damir Brdjanovic. *Faecal Sludge Management: Systems Approach for Implementation and Operation*. London SW1H 0QS, UK: IWA Publishing, 2014.
3. Miriam Englund, Linda Strande. *Faecal Sludge Management: Highlights and Exercises*. Switserzland: IWA publishing, 2019.
4. Organisation, World Health. *Guidelines on Sanitation and Health*. Geneva: World Health Organisation, 2018. English.
5. Suresh Kumar Rohilla, CSE, Bhitush Luthra, CSE. *SFD Promotion and Initiative* . Annual Report. Delhi: Centre of Science & Environment , 2016. English.

CV6106: SANITATION AND PUBLIC HEALTH [3 1 0 4]

Biological characteristics and lifecycles of sanitation-relevant pathogens – Introduction, human health hazards related to excreta, pathogens and transmission routes associated with human excreta, non-infectious health issues related to sanitation, and control measures to protect public health Control Measures, Human Health Hazards and Human Excreta – enteric infection and its impact. Introduction to Public Health – Child Undernutrition , Non-infectious Public Health Issues Related to Sanitation, Review and Assessment of Transmission Routes, Risk Evaluation Tools.

References

1. Development, Ministry of Urban. *National Policy on Faecal Sludge & Septage Management*. National Policy. New Delhi: Government of India, 2017.
2. Elizabeth Tilley, Lukas Ulrich, Christoph Lüthi, Philippe Reymond, Roland Schertenleib and Christian Zurbrugg. *Compendium of Sanitation Systems and Technologies*. Eawag, IEE, Vancouver: IWA Publishing, 2016.
3. Linda Strande, Mariska Ronteltap, Damir Brdjanovic. *Faecal Sludge Management: Systems Approach for Implementation and Operation*. London SW1H 0QS, UK: IWA Publishing, 2014.
4. Organisation, World Health. *Guidelines on Sanitation and Health*. Geneva: World Health Organisation, 2018. English.

MA6104: STATISTICS, PROBABILITY AND RELIABILITY [3 0 0 3]

Basics of Statistics: Random Variables and its Properties. Applications of Mean, Median, Mode, Standard Deviation, Correlation Coefficient in Analyzing Quality Related Data, Preliminary Analysis of Data by Graphical Representation, Measure of Central Tendency Dispersion, Peakedness in Context with Construction Industry and Quality Control Problems, Dependent Variables, Co-Relation, Co-Relation Coefficient and It's Significance; Basic Probability: Probability of Discrete and Continuous Variables, Probability Mass Function, Probability Density Function, Cumulative Density Function, Discrete and Continuous Standard Probability Distributors and their Properties, Central Limit Theorem, Equivalent Normal Distribution for Non-Normal Distributions, Utilization of Random Events, Measures of Probability Concepts for Quality Control Related Issues, Applications of Frequency Distribution and Probability, Probability Distributors, Continuous And Discrete Distributions in Analyzing Data Related to Process and Quality Control, Goodness of Fit Tests, Chi-Square Test, Kolmogorov-Smirnov Goodness of Fit Test and Two Sample Test, Monte-Carlo Simulation; Reliability Analysis: Concept of Reliability, Risk and Safety Factors. Safety Margin Function, Reliability Index, FOSM Method of Reliability Analysis, Application of FOSM to Linear and Non Linear Safety Margin Functions-Hasofer-Lynd Method.

References:

1. B. Leland, "Stastical Procedure for Engineering, Management and Science", Mc-Graw Hill Series in Industrial Engineering and Management Science, 1982.
2. T. Angand , "Probability Concepts in Engineering Planning and Design", Vol. I and II, Wiley International, 1984.
3. N.T. Kottegoda, R. Rosso, "Statistics, Probability and Reliability for Civil and Environmental Engineers", Mc-Graw Hill International, 1998.
4. D.D. Wackerly, W. Mendenhall and R. L. Scheaffer, "Mathematical Statistics with Applications", 7th Edition, Thomson Brooks Cole, 2008.
5. K.M. Ramachandran, C.P. Tsokos, "Mathematical Statistics with Applications", Academic Press, 2009.

DR6001: RESEARCH METHODOLOGY [3 0 0 3]

Research: Meaning, Definitions, & Purpose of Research, Review of Literature, Problem Formulation (How to Select a Topic for Research), Research Proposal, Variables, Hypothesis, Objectives of Research Topic, Population; Sampling: Meaning & Types; Data: Types, Techniques - Characteristics of a Good Test, Classification, Tabulation & Graphical Re-Presentations & Coding of Data, Use of SPSS Software; Analysis of Data: Mean, Median, Mode, Correlation, Regression, Normal Distribution, Hypothesis Testing, Report Writing; *Thesis Writing And Journal Publication: Writing Thesis, Writing Journal and Conference Papers, IEEE and Harvard Styles of Referencing, Effective Presentation, Copyrights, and Avoiding Plagiarism.

References:

1. Cooper D.R., Schindler P.S., *"Business Research Methods"*, Tata McGraw Hill Publication, New Delhi.
2. Kothari C.R., *"Research Methodology Methods and Techniques"*, New Age International Publication, New Delhi, 2006.
3. Sharma K.R., *"Operational Research & Quantitative Techniques"*, Kalyani Publications,
4. Kapoor V.K., *"Operational Research"*, Sultan Chand & Co.
5. Creswel J.W., *"Research Design: Qualitative, Quantitative, and Mixed Methods Approaches"*, SAGE, 2004.
6. Beat John W., Kahn James V., *"Research in Education"*, 10th Edition, Eastern Economy Edition, PHI Learning Pvt. Ltd. New Delhi.
7. Wagner W.E. III, IBM, *"SPSS Statistics"*, 4th Edition, SAGE Publication.Com.
8. Khan A.J., Raeside R., White D., *"Research Methods for Graduate Business & Social Sciences Students"*, Response Book, Business Books from SAGE, New Delhi.

CV6130: ENVIRONMENTAL ENGINEERING LAB – I [0 0 2 1]

Analysis of water/wastewater for physicochemical parameters: Total solids, total dissolved solids, and volatile solids, Turbidity, alkalinity, pH, hardness, chlorides, sulphates, ammonical nitrogen, nitrates, sulphate, oil and grease, available chlorine, dissolve oxygen, biochemical oxygen demand, chemical oxygen demand. Residual chlorine and chlorine demand, determination of available chlorine in Bleaching powder, Determination of Calcium, Potassium, Sodium and Lithium. Determination of heavy metals in aqueous solution – Chromium, Lead and Zinc. Coagulation and flocculation of water – optimization of dose / pH / time of flocculation. Characteristics of Industrial wastewater. Analysis of solid wastes: characterisation of wastes from different industries.

References:

1. Standard Methods for the Examination of Water and Waste Water - ALPHA - AWWA – WPCF.
2. C. Sawyer, P. McCarty, G. Parkin, *Chemistry for Environmental Engineering*, McGraw Hill, New York. 1994.
3. IS: 3025 - 1964 - Methods of Sampling and Test (Physical and Chemical) for Water Used in Industry, IIT New Delhi.
4. Drinking water Standards IS: 10500-1991.

CV6180: MINOR PROJECT [0 0 2 1]

Students will undertake a project in the domains pertaining to relevant specialization

SECOND SEMESTER

CV6204: EMERGENCY SANITATION [4 0 0 4]

Development of a sanitation plan, Humanitarian contexts; Humanitarian reform and standards; Cluster approach, Humanitarianism; History of humanitarian action; Humanitarian principles and dilemma's; Code of conduct and guiding principles of humanitarian action, Identification of key diseases in emergencies and their link to the Bradley classification; Vectors of importance in emergencies related to excreta and solid waste; Case study: vector control, Introduction to the WASH cluster; SPHERE standards, Key excreta disposal, collection, transportation and treatment options; Adaptability; Cultural and behavioural aspects; Inclusiveness and inter-sectoral considerations; Putting planning into practice , Needs assessment; Monitoring and evaluation , Solid waste management standards and planning; Health-care waste management concepts and technologies , The legal framework; International Relief System; Key actors in humanitarian relief.

References

1. Cross, group of NGOs and the Red. *The Humanitarian Charter and Minimum Standards in Humanitarian Response*. Hampshire, United Kingdom: The Sphere Project, 2011. Handbook.
2. Elizabeth Tilley, Lukas Ulrich, Christoph Lüthi, Philippe Reymond, Roland Schertenleib and Christian Zurbrügg. *Compendium of Sanitation Systems and Technologies*. Eawag, IEE, Vancouver: IWA Publishing, 2016.
3. Linda Strande, Mariska Ronteltap, Damir Brdjanovic. *Faecal Sludge Management: Systems Approach for Implementation and Operation*. London SW1H 0QS, UK: IWA Publishing, 2014.
4. Organisation, World Health. *Guidelines on Sanitation and Health*. Geneva: World Health Organisation, 2018. English.

CV6205: PROJECT MANAGEMENT [3 1 0 4]

Context analysis, Finalize project plan, Good practices and criteria for good project proposals, Indicators for project implementation and operation, Indicators for validation of results/impact, Introduction to case study and group assignment, Key elements of project planning, Monitoring, evaluation and learning (MEL) frameworks/Monitoring for Results vs Implementation, MS Project, Options Analyses, Multi-Criteria Analyses, Problem analysis, Project Human Resources, Project management cycle, Project plan to implementation plan, Project Planning Software, Recap/Transfer Exercise of previously developed project plan, Resource disposition, Results-based Project Management, Risk assessment and mitigation, Stakeholder analysis, Stakeholder management, Task Planning and Work Breakdown Structure (WBS), Theory of Change - Assumptions and justifications, Map Conditions, select a path of change

References

1. Basyal, Isha. "Faecal Sludge Management Toolbox." 2017. Document.
2. Cross, group of NGOs and the Red. *The Humanitarian Charter and Minimum Standards in Humanitarian Response*. Hampshire, United Kingdom: The Sphere Project, 2011. Handbook.
3. Elizabeth Tilley, Lukas Ulrich, Christoph Lüthi, Philippe Reymond, Roland Schertenleib and Christian Zurbrügg. *Compendium of Sanitation Systems and Technologies*. Eawag, IEE, Vancouver: IWA Publishing, 2016.
4. Linda Strande, Mariska Ronteltap, Damir Brdjanovic. *Faecal Sludge Management: Systems Approach for Implementation and Operation*. London SW1H 0QS, UK: IWA Publishing, 2014.
5. Miriam Englund, Linda Strande. *Faecal Sludge Management: Highlights and Exercises*. Switzerland: IWA publishing, 2019.
6. Organisation, World Health. *Guidelines on Sanitation and Health*. Geneva: World Health Organisation, 2018. English.

CV6206: BEHAVIOUR CHANGE & ADVOCACY [3 1 0 4]

Behaviour: Definitions & concepts; & Change & advocacy Sanitation & behaviour change: Actors and behaviour across the sanitation chain; Evolution and current thinking in urban sanitation programming; & Behaviour change strategies - Promoting change via persuasion & policy vs education/awareness raising, Behaviour change frameworks, Behaviour change intervention design, Occupational health & safety, Community-Led Total Sanitation (CLTS), Public policy & behaviour, Media & advocacy, Sanitation, behaviour change & advocacy

References

1. D.J. Barringtona, b,c,*, S. Sridharana,1, K.F. Shieldsd,2, S.G. Saundersa,3, R.T. Souterb,4, J. Bartramd,2. "Sanitation marketing: A systematic review and theoretical critique using the capability approach." *Social Science & Medicine* (2017): 128-134. Research Paper.
2. Development, Ministry of Urban. *National Policy on Faecal Sludge & Septage Management*. National Policy. New Delhi: Government of India, 2017.
3. Elizabeth Tilley, Lukas Ulrich, Christoph Lüthi, Philippe Reymond, Roland Schertenleib and Christian Zurbrügg. *Compendium of Sanitation Systems and Technologies*. Eawag, IEE, Vancouver: IWA Publishing, 2016.
4. Linda Strande, Mariska Ronteltap, Damir Brdjanovic. *Faecal Sludge Management: Systems Approach for Implementation and Operation*. London SW1H 0QS, UK: IWA Publishing, 2014.
5. Miriam Englund, Linda Strande. *Faecal Sludge Management: Highlights and Exercises*. Switzerland: IWA publishing, 2019.
6. Organisation, World Health. *Guidelines on Sanitation and Health*. Geneva: World Health Organisation, 2018. English.

CV6230: ENVIRONMENTAL ENGINEERING LAB – II [0 0 2 1]

Determination of phenol compounds and total/ kjeldhal nitrogen in wastewater, Determination of total phosphate, sulphate of the given sample, Settling-column analysis, Microscopic examination of microorganisms, Plate count test, MPN count-total and faecal, Sampling and analysis of inorganic and organic substances. Ambient air quality monitoring: Determination of PM10, PM2.5, SO_x, NO_x, CO. Demonstration of stack monitoring. Measurement of noise pollution. Use of analytical instrument such as AAS, Gas Chromatography, LC for gas and micro-pollutant analysis

References

1. Standard Methods for the Examination of Water and Waste Water - ALPHA - AWWA – WPCF.
2. Sawyer C. McCarty P. and, Parkin G., *Chemistry for Environmental Engineering*, McGraw Hill, New York. 1994.
3. IS - 3025 - 1964 - *Methods of Sampling and Test (Physical and Chemical) for Water Used in Industry*, IIT New Delhi.

CV6235: SEMINAR [0 0 2 1]

Students will present a seminar on topic related to relevant specialization.

CV6280: MINOR PROJECT [0 0 2 1]

Students will undertake a project in the domains pertaining to relevant specialization.

PROGRAMME ELECTIVES-I

CV6140: ENVIRONMENTAL ECOLOGY [3 0 0 3]

Concepts & Fundamentals of ecology, Natural ecosystems and their food chains, food webs, bioenergetics, biochemical cycles and ecological succession. Ecological engineering principles, Biological diversity and its importance, reduction in biological diversity, Ecosystem Responses: Ecosystems responses to de-oxygenation nutrient enrichment, pesticides, hydrocarbons, metal and salts, thermal pollution, suspended solids and silt. Community Ecology: Principles of population and community ecology, concepts of systems and models, building and analysis of models, environmental systems, structures and interaction between coastal aeolian, glacial, fluvial, weathering, soil and detrital systems. Integration Ecological Principles: Integration of classical, agro and restoration ecological principles and methods, Biomonitoring and its role in the evaluation of aquatic ecosystem, rehabilitation of ecosystem, Introductory models of ecosystems.

References:

1. E. P. Odum, G.W. Barrett, *Fundamentals of Ecology*, Thomson, 2002.
2. I. D. White, D. N. Mottershead, S. J. Harrison, *Environmental Systems: An Introductory Text*, Chapman and Hall, London, 1992.
3. P. A. Colinvaux, *Introduction to Ecology*, John Wiley & Sons, New York, 1973.

CV6141: URBAN ENVIRONMENTAL QUALITY MANAGEMENT [3 0 0 3]

Urbanisation & Pollution: Consequences of urbanization, Sources of pollution to the urban environment: Status of pollution levels in major cities, Air & Noise Pollution in Urban Environment: Sources, nature and effect of air pollution on Urban Environment. Air pollution Indices, Sources of noise pollution, Status and effect of noise pollution in major cities. Water and Land pollution in Urban Environment: Water demands and pollution in urban areas, Sources of land pollution in urban areas: Impact of urban soil pollution on quality of living system. Management of Urban Environment Quality: Land use planning – traffic management. Safe municipal water supply and planning of safe municipal water supply and drainage system, solid waste management including disposal, abatement of noise pollution, regulation of settlements. Natural Conservation: Planning of urbanization on ecological basis, preservation and development of green recovery areas. Urban Disaster Management: Management of Industrial explosions, landslides, earthquakes, Floods and Management of epidemics.

References:

1. C. K. Varshney, *Water Pollution and Management*, Wiley Eastern Ltd., New Delhi, 1998.
2. S. Plowden, *The Cost of Noise*, London, Metra, 1996.
3. A.B. Gallion, S. Eisner, *The Urban Pattern: City Planning and Design*, Van Nostrand, 1963.
4. M. J. Suess, S. R. Craxford, *Manual on urban air quality management*, WHO, Copenhagen, 1976

CV6142: ENERGY, ENVIRONMENT AND CLIMATE CHANGE [3 0 0 3]

Overview on the Earth's energy requirement vis-à-vis Climate Change. Origins of the terrestrial atmosphere. Earth's early atmosphere. Introduction to Climate. Layers of atmosphere. Composition of atmosphere. Atmospheric chemistry, greenhouse gases and O3 depletion problem. Energy Balance: Earth –Atmosphere System. Solar and Terrestrial Radiation. Solar variability and the Earth's Energy Balance. Atmospheric Chemistry and Climate Change. Atmospheric Aerosol and Cloud Effects on Climate. Environmental Variability: Natural and Anthropogenic. Effects of urbanization, Landscape changes, Desertification and Deforestation. International Forums: Safeguarding Future Climate. The role of International Bodies. Kyoto and Montreal Protocol. Intergovernmental Panel on Climate Change (IPCC 2007). The Stern Report. Carbon Credits. Indian Context. Alternative Energy Sources: Solar, Wind, Hydro Power and Nuclear Energy. Predicting Future Climate Change: Global Climate Models.

References:

1. J. Jaeger, *Climate and Energy Systems - A review of their interactions*, John Wiley, 1983.
2. R. Wolfson, *Energy, Environment and Climate*, W. W. Norton & Co., Inc., New York, 2008.
3. W. R. Cotton, R. A. Pielke, *Human Impacts on Weather and Climate*, Cambridge University Press, 2007.
4. R.B. Stull, *Introduction to Boundary Layer Meteorology*, Reidel Publishing Co., Dordrecht, 1988.

CV6143: LEADERSHIP IN SANITATION [3 0 0 3]

Concepts of leader, leadership, and management, Change Management and Theory of Change. 70:20:10 rule in leadership development, negotiation in wash projects, role of vision and strategy in wash intervention, consensus building and conflict management in wash projects – source of conflict, structure, systems, culture and individuals. concept of emotional intelligence and components of emotional intelligence. Individual leadership development plan for wash related project.

References

1. André Taylor A, Wouter T. Lincklaen Arriëns B and Matthew Laing C. "Understanding Six Water Leadership Roles: A Framework to Help Build Leadership Capacity." *Water Policy & Practice* (2015): 4-31. Journal Paper.
2. Cross, group of NGOs and the Red. *The Humanitarian Charter and Minimum Standards in Humanitarian Response*. Hampshire, United Kingdom: The Sphere Project, 2011. Handbook.
3. David V. Day a, *, John W. Fleenor b, Leanne E. Atwater. "Advances in leader and leadership development: A review of 25 years of research and theory." *The Leadership Quarterly* (2013): 63-82.
4. Development, Ministry of Urban. *National Policy on Faecal Sludge & Septage Management*. National Policy. New Delhi: Government of India, 2017.
5. Linda Strande, Mariska Ronteltap, Damir Brdjanovic. *Faecal Sludge Management: Systems Approach for Implementation and Operation*. London SW1H 0QS, UK: IWA Publishing, 2014.
6. Miriam Englund, Linda Strande. *Faecal Sludge Management: Highlights and Exercises*. Switzerland: IWA publishing, 2019.

PROGRAMME ELECTIVES-II

CV6240: ENVIRONMENTAL ECONOMICS AND MANAGEMENT [4 0 0 4]

Sustainable Development: Introduction to sustainable development, Economy-Environment inter-linkages, Environmental Kuznets curve, Economics of energy, scarcity, optimal resources, backstop technology. Economic significance, causes and analysis of environmental degradation, Concepts of policy failure, Equi-marginal principle. Economics of Pollution, regulation, monitoring and enforcement, managing pollution using existing markets: Bargaining solutions, Cost-benefit analysis, Concept of Total Economic Value, Alternative approaches. Economics of biodiversity, Policy responses at national and international levels. Economics of Climate Change.

References:

1. D. W. Pearce, A. Markandya, E. B. Barbier, *Blueprint for a Green Economy*, Earthscan, London, 1989.
2. D. W. Pearce, R. K. Turner, I. Bateman, *Environmental Economics: An Elementary Introduction*, Harvester Wheatsheaf, London, 1994.
3. D.W. Pearce, R. K. Turner, *Economics of Natural Resources and the Environment*, Harvester Wheatsheaf, London, 1990.
4. Michael S. Common, Michael Stuart, *Environmental and Resource Economics: An Introduction*, 2nd Edition, Harlow: Longman, 1996.

CV6241: ADVANCED WASTEWATER TREATMENT [4 0 0 4]

Importance of Advanced Wastewater Treatment, Basis of process selection and development of treatment flow sheets. Biological nutrient removal process, conventional biological nitrification/ denitrification processes and its process fundamentals. Sequencing Batch Reactor (SBR) and Simultaneous Nitrification – Denitrification (SND) processes. Membrane Bio-Reactor for removal of organic pollutants and suspended solids, Other new treatment technologies Physical and chemical treatment methods, Removal of phosphorus by chemical addition. Refractory Organics and Dissolved Inorganic Substances Removal: Advanced Oxidation Processes (AOP)/ Adsorption / Chemical precipitation / Ion Exchange / Membrane Processes. Wastewater

Reclamation/Reuse/Disposal: Direct and indirect reuse of wastewater- Municipal reuse/industrial reuse/agricultural reuse/ recreational reuse/ground water recharge. Criteria and disposal of effluent in to lakes, rivers and ocean.

References:

1. A. R. N. Sankar, *Environmental Management*, Oxford University Press, New Delhi, 2015.
2. M. M. Sulphrey, *Introduction to Environmental Management*, PHI Learning, New Delhi, 2013.
3. C. C. Lee, S.D. Lin, *Handbook of Environmental Engineering Calculations*, McGraw Hill, New York, 1999.
4. C. Sawyer, P. McCarty and G. Parkin, *Chemistry for Environmental Engineering and Science*, 5/e, McGraw Hill, New Delhi, 2003.

CV6242: ENVIRONMENTAL HYDROLOGY [4 0 0 4]

Concepts of Hydrology: definition, scope and role of environmental hydrology. Types of data, sources, River hydrology, catchment, waterways, water-shed, Surface water characteristics, Ground water occurrence, types of aquifers, Environmental Influences, fluctuation due to evapotranspiration, meteorological effect of tides, recharge. Ground Water Pollution: Quality analysis, sources of pollution monitoring quality, sea water intrusion, and preventive measures. Ground Water Modelling: contamination modelling, flow modelling, transport modelling, Accuracy of models, Application of Numerical methods, Modelling of subsurface transport of microorganisms, Hydrological Consequences: Eco-hydrological consequences of Environmental degradation water conservation, planning and impact process, mitigation of impact processes.

References:

1. P. V. Singh, *Environmental Hydrology*, Kluwer Academic Publishers, London, 1997.
2. D. K. Todd, *Ground water Hydrology*, John Willy Sons, New York, 2004.
3. H. Nash, G. J. H. McCall, *Ground water Quality*, Chapman & Hall Publishers, London, 1995.
4. H. M. Raghunath, *Ground water*, Willy and Eastern publication, New York, 1987.
5. Ray K. Linsley, Joseph B. Franzini, *Water Resource Engineering*, Mc Graw Publications, New York, 1987.

CV6248: SANITATION GOVERNANCE [4 0 0 4]

Introduction to governance - regulatory frameworks around the world– how is sanitation managed: where, how and why, Contextualizing sanitation: the politics of urban waste, sanitation from different perspectives, Formal and informal regulation, regulatory impact assessment, Governance alternatives amongst the “crisis of imagination”, Power relations among actors in the local and global levels: Gender, class & race relations and power asymmetries, Practices of coordination & decision making around contested water distribution, Sanitation history. What does history have to do with all this? : Sanitation in colonial contexts, Sanitation history. What does history have to do with all this? : Sanitation in Europe main cities, Shifting sanitation governance in light of justice concerns, The different actors and decision making processes, Water & sanitation governance: definitions, debates, controversies

References

1. D.J. Barringtona, b,c,*, S. Sridharana,1, K.F. Shieldsd,2, S.G. Saundersa,3, R.T. Souterb,4, J. Bartramd,2. "Sanitation marketing: A systematic review and theoretical critique using the capability approach." *Social Science & Medicine* (2017): 128-134. Research Paper.
2. Development, Ministry of Urban. *National Policy on Faecal Sludge & Septage Management*. National Policy. New Delhi: Government of India, 2017.

3. Elizabeth Tilley, Lukas Ulrich, Christoph Lüthi, Philippe Reymond, Roland Schertenleib and Christian Zurbrügg. *Compendium of Sanitation Systems and Technologies*. Eawag, IWA, Vancouver: IWA Publishing, 2016.
4. GUERRERO, TATIANA ACEVEDO. "A tale of an unequal city: Delhi's waters through the eyes of women working as domestic workers." *A tale of an unequal city: Delhi's waters through the eyes of women working as domestic workers* 23 03 2017.
5. Linda Strande, Mariska Ronteltap, Damir Brdjanovic. *Faecal Sludge Management: Systems Approach for Implementation and Operation*. London SW1H 0QS, UK: IWA Publishing, 2014.
6. Organisation, World Health. *Guidelines on Sanitation and Health*. Geneva: World Health Organisation, 2018. English.
7. Vidal, Cecilia Alda. *Connecting cultures, practices and sanitary systems, a case study from urban SSA/Malawi*. Manchester: cecilia.aldavidal@postgrad.manchester.ac.uk, 2017.

PROGRAM ELECTIVES – III

CV6243: MATHEMATICAL MODELLING IN ENVIRONMENTAL ENGINEERING [4 0 0 4]

Basics and Necessity of Modelling, Earth's atmosphere, Lapse Rate Quantification, stability states, Quantification of wind circulation and geo-strophic winds. Material Mass-Energy flows balances, Air Pollution Modelling, Boundary Layer: mixing length and eddy diffusion, Gaussian Plume Model. Plume Rise estimation. Simple noise quality models: Models for Roadway Noise, Modelling the mass transport of Sulphur Dioxide into falling rain drops. Reaction Pathways. Mass and Charge Balance. Normalization of the Convective Diffusion Equation. Modelling the Homogeneous and Heterogeneous Pathways for Ozone depletion. Global Warming and Climate Change Modelling: Solar and Terrestrial Radiation. Quantifying the Green House Effect. A model for estimating the Equilibrium temperature of the Earth. Aerosol and cloud processes. The Basic tenets of Global Circulation Models for Weather Forecasting, Water Quality Modelling, Solid waste modelling, Modelling the methane potential of discards.

References:

1. J. Smith, P. Smith, *Introduction to Environmental Modelling*, OUP, 2009.
2. G. M., Master, *Introduction to Environmental Engineering and Science* Prentice-Hall of India, New Delhi, 3rd Edition, 2007.
3. H.S. Peavy, D.R. Rowe, G. Tchobanoglous, *Environmental Engineering*, McGraw-Hill Book Company, New York. 1985.
4. R.B. Stull, *Introduction to Boundary Layer Meteorology*, Reidel Publishing Co., Dordrecht, 1988.

CV6244: REMOTE SENSING AND GIS APPLICATIONS [4 0 0 4]

Basics of Remote Sensing: Introduction to remote sensing, Electromagnetic radiation, Characteristic of real remote sensing systems, Satellite - Indian remote sensing satellite Sensors and Retrievals. Image interpretation & Processing: Elements and concept of image interpretation, Basics of GIS: Introduction to GIS, History of development of GIS, Elements of GIS, Computer hardware and software, GIS Analysis: Map overlay, Vector and raster data model, Mapping concept, Data storage and database management, Development of map overlay, Overlay operation, Applications of GIS and remote sensing in Energy & Environmental Engineering.

References:

1. A. N. Patel, S. Singh, *Remote Sensing Principles and Applications*, Scientific Publisher, Jodpur, 1999.
2. P. A. Burrough, *Principle of Geographical Information Systems for Land Resources Assessment*, Clarendon Press, Oxford, 2000.

3. T. M. Lilles, R. W. Kiefer, *Remote Sensing and Image Interpretation*, John Wiley & Sons, New York, 1999.
4. K.C. Clarke, B.O. Parks, M.P. Crane, *Geographic Information Systems and Environmental Modeling*, Prentice-Hall of India, 2005.

CV6245: RISK MANAGEMENT AND DISASTER MANAGEMENT [4 0 0 4]

Risk Assessment: Methodologies and Guidelines: Principles, Code of practice, Emergency plans, Occupational Health and Safety, Risk analysis survey and health evaluation, behavioural studies, epidemiological approach, Risk assessment techniques, Risk Assessment and Disaster Response, Quantification Techniques, NGO Management, SWOT Analysis based on Design & Formulation Strategies, Insurance & Risk Management. Disaster Management: Introduction & Dimensions of Natural & Anthropogenic Disasters, Principles/Components of Disaster Management, Role of Union/States, Armed Forces/Other Agencies in Disasters, Role of Financial Institutions in Mitigation Effort, Concept of Team Building, Motivation Theories and Applications, School Awareness and Safety Programs, Psychological and Social Dimensions in Disasters, Trauma and Stress, Emotional Intelligence, Electronic Warning Systems. Use of Information systems, Experiences and case studies.

References:

1. V. K. Rao, *Environmental Strategics Hand book*, Mc-graw Hill Inc., New York, 1994.
2. W. B. Neely, G. E. Blan, *Environmental Exposure from chemicals*, Volume II, CHC Press Inc., Florida, 1989.
3. W. E. Woodsen, *Human factors design handbook – information and guidelines for design to systems, facilities, equipment and product for human use*, Mc Graw Hill, New York, 1981.

CV6246: INDUSTRIAL WASTE MANAGEMENT AND DISPOSAL [4 0 0 4]

Introduction: Industrial scenario in India, Sources, types and disposal of Industrial wastewater, Regulatory requirements, generation rates, characterization and variables, Individual and Common Effluent Treatment Plant, Cleaner production: Waste management approach, Waste audit, Material and process modifications, Zero discharge processes- case studies. Treatment and Disposal of industrial effluents, Treatment and disposal of solid wastes: Sources and quantities of solid waste from industrial processes, Waste classification, Residuals of industrial wastewater treatment, Case studies.

References:

1. W. W. Eckenfelder, *Industrial Water Pollution Control*, Mc-Graw Hill, 1999.
2. L. N. Nelson, *Liquid waste of Industry, Theories, Practice and Treatment*, Addison-Wesley Publishing Company, London, 2000.
3. World Bank Group, *Pollution Prevention and Abatement Handbook – Towards Cleaner Production*, World Bank and UNEP, Washington D.C., 1998.
4. R. L Stephenson, J. B. Blackburn, *Industrial Wastewater Systems Handbook*, Lewis Publishers, New York, 1998.

CV6247: RESEARCH THEORY & PRACTICES [4 0 0 4]

Critical Reading and Academic writing- Discourse markers, paraphrasing and plagiarism, Ethics in research and consent, Introduction to research portfolio, proposal template instruction, Presentation skills, Referencing guidelines- Plagiarism awareness and basics of literature search, Research - Training on specialised tools according to research needs, Research proposal defence, Field research, Data analysis, Thesis writing, Thesis defence.

References

1. BMGF. "Gender and The Sanitation Value Chain: A review of evidence." 2018. Report.
2. Borja-Vega, Luis Andres Christian. "Overview and Meta-Analysis of Global Water, Sanitation, and Hygiene (WASH) Impact Evaluations." *Water Global Practice* (2018): 1-34. Working Paper.
3. D.J. Barringtona, b,c,*, S. Sridharana,1, K.F. Shieldsd,2, S.G. Saundersa,3, R.T. Souterb,4, J. Bartramd,2. "Sanitation marketing: A systematic review and theoretical critique using the capability approach." *Social Science & Medicine* (2017): 128-134. Research Paper.
4. DOUCET, ANDREA. *FEMINIST METHODOLOGIES AND EPISTEMOLOGY*. Carleton University, Canada: Carleton University, Canada, 2006. Book.

OPEN ELECTIVE

CV6290: SANITATION FINANCING [3 0 0 3]

Business canvas, Business models in sanitation, Financial Flow in business model, FSM Technical and Financial Assessment Tool, Innovative financing for sanitation, National context - sanitation financing: decentralisation and local authority finances, Overview of sanitation financing, Public Private Partnership (PPP) in sanitation, Saniplan Tool - financing model, Sanitation financing - modalities and challenges, Sanitation service and value chain, Sustainability in sanitation

References

1. Linda Strande, Mariska Ronteltap, Damir Brdjanovic. *Faecal Sludge Management: Systems Approach for Implementation and Operation*. London SW1H 0QS, UK: IWA Publishing, 2014.
2. Miriam Englund, Linda Strande. *Faecal Sludge Management: Highlights and Exercises*. Switerzland: IWA publishing, 2019.
3. Organisation, World Health. *Guidelines on Sanitation and Health*. Geneva: World Health Organisation, 2018. English.

Third and Fourth Semester

CV7080: DISSERTATION [0 0 0 25]

Students will undertake a project in the domains pertaining to relevant specialization.

CURRICULUM & SCHEME OF EXAMINATION 2019-20

M Arch: Two Years Program

Applicable from Academic Session 2019-20

Year	Course Code	Course Name	L/S	T	P	C	Course Code	Course Name	L/S	T	P	C	
First	First Semester						Second Semester						
	AR 6101	Landscape Design & Communication I	10	0	0	10	AR 6201	Landscape Design & Communication II	10	0	0	10	
	AR 6102	Regional Ecology I	2	2	0	4	AR 6202	Regional Ecology II	2	2	0	4	
	AR 6103	Site Planning and Landscape Engineering	4	0	0	4	AR 6203	Planting Design	4	0	0	4	
	AR 6104	History of Indian Landscape	2	1	0	3	AR 6204	History of International Landscape	2	1	0	3	
	AR 6105	Landscape Morphology	2	1	0	3	AR 6205	Research in Landscape	2	1	0	3	
	AR 61XX	Elective I	2	1	0	3	AR 62XX	Elective II	2	1	0	3	
	Total			22	5	5	27	Total			22	5	0
Second	Course Code	Course Name	L/S	T	P	C	Course Code	Course Name	L/S	T	P	C	
	Third Semester						Fourth Semester						
	AR 7101	Professional Training & Pre Thesis	-	-	-	10	AR 7201	Thesis	20	0	0	20	
							AR 7202	Networks and systems in Landscape Architecture	2	1	0	3	
							AR 7203	Environment Laws & Legislations	3	1	0	4	
Total			-	-	-	10	Total			25	2	0	27

Electives offered as part of First (AR 61XX) and Second (AR 62XX) Semester of M Arch

Elective I (AR 61XX)		Elective II (AR 62XX)	
AR 6140	Landscape Heritage Conservation	AR 6240	Landscape Performance Evaluation
AR 6141	Settlement History and Development	AR 6241	Understanding Indian Landscape through Visual Arts

Program Electives-I	Program Electives-II	Program Electives-III	Open Elective:
ME6144: Alternative Fuels ME6145: Carbon Audit and Management ME6146: Solar Energy Applications ME6147: Energy Conversion & Storage	ME6247: Electrical Energy Technology and Management ME6248: Fundamentals of Solar Photovoltaics ME6249: Waste to Energy ME6250: Energy, Environment and Climate Change	ME6251: Biomass gasification & pyrolysis ME6252: Biomass Conversion and Biorefinery ME6253: Wind and Hydro Energy Systems	ME6280: Lean and Agile Manufacturing ME6281: Industrial Safety

**DEPARTMENT OF MECHANICAL ENGINEERING
MANIPAL UNIVERSITY JAIPUR**

M. Tech. in ENERGY SCIENCE AND TECHNOLOGY (EST)

MA6101: APPLIED NUMERICAL ANALYSIS [3 1 0 4]

Mathematical modeling and engineering problem solving: simple mathematical model, conservation laws and engineering. Approximations and round of errors: Accuracy and precision, error definitions, round off errors, truncation errors and Taylor's series. Roots of equations: Bracketing methods, open methods, roots of polynomials applied to engineering problems. Linear algebraic equations: LU decomposition and matrix inversion, special matrices and Gauss Seidel applied to engineering problems. Numerical Differentiation and Integration: Newton Cotes Integration formulas, integration of equations, numerical differentiation applied to engineering problems. Ordinary Differential Equations: RK methods, Boundary value and Eigen value problems. Partial Differential Equations: Finite difference method for elliptic and parabolic equation applied to engineering problems.

References:

1. S.C. Chapra and R.P. Canale, *Numerical Methods for Engineers*, McGraw Hill Publication, 1998.
2. S.S. Sastry, *Numerical Analysis for Engineers*, McGraw Hill Publication, 2002

ME6170: RESEARCH METHODOLOGY [3 0 0 3]

Mathematical tools for analysis, statistical analysis of data, regression analysis, correlation, concept of best fit and exact fit – Lagrange interpolation, Newton divided difference, least square regression. Design of experiment definition, objective, factorial design, designing engineering experiments, ANOVA, Fractional, Full and Orthogonal Experiments, Taguchi methods for robust design, response surface methodology. Engineering Optimization definition, basics of nonlinear optimization, formulation of optimization problems-examples, Calculus techniques- Lagrange multiplier method – examples, nature inspired optimization techniques i.e. GA, PSO, SA etc., neural network-based optimization, optimization using fuzzy systems. Sampling Techniques: basic terms, Importance of sampling in research, essentials of a good sample, sampling error, standard error of the mean (Standard Deviation), Estimation of parameters, accuracy & precision of estimation, sampling procedure, types/methods of sampling, Central limit theorem, sample size determination, confidence interval and Confidence level. Measurement & Scaling Techniques: - types of data: Primary & Secondary, Types of Scales: Ratio, Interval, Ordinal Nominal. Mapping rules, characteristics of a good measurement, sources of error in measurement. Mathematical modeling of Engineering systems Basic concepts of modeling of Engineering systems – Static and dynamic model – Model for prediction and its limitations, system simulation using tools like MATLAB, SPSS, Minitab, COMSOL, Ansys etc.- validation, use of optimization techniques – Genetic Algorithm, Simulated Annealing. Design of Experiments: Basic principles, Study of completely randomized and randomized block design.

Reference:

1. C R Kothari, *Research Methodology: methods and techniques*, New Age International Publication Ltd
2. J W Creswell, *Research Design*, Sage South Asia Edition
3. D G Montgomery, *Design and analysis of Experiments*, John Willy India Edition
4. Stuart Melville and Wayne guddard, *Research Methodology an introduction for Science & Engineering Students*.
5. Ganesen MJP Publishers, *Research Methodology for Engineers*, Chennai, 201.

ME6107: NON-CONVENTIONAL ENERGY SOURCES [3 1 0 4]

Introduction: Concepts of pollution and climate change, Sources of environmental pollution. Renewable energy sources: Solar energy, Calculation of solar radiation on horizontal and inclined surfaces, Measurement of solar radiation, Low temperature applications. Solar distillation, Heat pump, Solar refrigerator, Passive space conditioning, Solar thermal power generation, Photovoltaic. Wind energy, Physical and thermo-chemical methods of bioconversion, Biological methods. Hydropower Energy: Present status of hydro power, magneto-hydro-dynamic (MHD) energy conversion. Ocean energy resources, Ocean wave energy conversion and tidal energy conversion. Geothermal Energy: Types of

geothermal energy sites, Geothermal power plants. Nuclear Energy. Conversion of energy: Thermal, chemical, and electromagnetic energy into electricity. Renewable energy economics.

References:

1. S. P. Sukatme and J. Nayak, *Solar Energy Principles of Thermal Collection and Storage*, (3e), Tata Mc Graw Hill, 2008.
2. G. D. Rai, *Non-Conventional Energy Sources*, Khanna Publications, 2011.
3. H. P. Garg and J. Prakash, *Solar Energy: Fundamentals and Applications*, (1e) McGraw Hill Education, 2017.
4. S. Rao and Dr. B B Parulekar, *Energy Technology*, Khanna Publishers, 2004.
5. B. H. Khan, *Non-Conventional Energy Resources*, (3e), McGraw Hill Education India Private Limited, 2017.

ME6108: THERMAL SCIENCE AND ENGINEERING [3 1 0 4]

Introduction: Energy and entropy balances, Equilibrium criteria. Laws of thermodynamics and cycles: Entropy, Thermodynamics power cycles. Conduction heat transfer: Basic concepts of Conduction, Heat diffusion equations, Heat transfer laws, Heat transfer through wall, cylinder, sphere, Optimum thickness of insulation, Conduction with heat source, Unsteady state heat transfer. Convection heat transfer: Boundary layers concept, Dimensionless numbers, Various equations related to heat transfer during laminar and turbulent flow for flat plate as well as pipe flow, Convection with phase change. Condensation and boiling. Radiation heat transfer: Radiation heat transfer basic laws, Shape factor, Shape factor calculations for different bodies, Radiations exchange between surfaces. Heat exchangers and evaporators: LMTD, Effectiveness-NTU methods.

References:

1. P.K. Nag PK, *Engineering Thermodynamics*, (6e), McGraw Hill Education, 2008.
2. Boles M. A. and Cengel Y. A., *Thermodynamics: An Engineering Approach*, (8e) McGraw-Hill Education, 2017.
3. White F. M., *Fluid Mechanics*, (8e), McGraw-Hill Education, 2015.
4. F. P. Incropera, D. P. Dewitt, T. I. Bergman and A. S. Lavine, *Fundamentals of Heat and Mass Transfer*, (6e), John Wiley & Sons, 2006.

ME6109: ENERGY STORAGE [3 1 0 4]

Need for energy storage, Different modes of energy storage. Potential energy, Pumped hydro storage, KE and Compressed gas system, Flywheel storage, Compressed air energy storage, Electrical and magnetic energy storage, Capacitors, Electromagnets, and Battery storage systems. Chemical Energy storage, Thermo-chemical, Photochemical, Bio-chemical, Electrochemical, Fossil fuels and Synthetic fuels and Hydrogen storage. Laid Acid Battery, Proton exchange membrane Fuel cell/Microbial Fuel cell. SHS mediums, Stratified storage systems, Rock-bed storage systems, Thermal storage in buildings, Earth storage, Energy storage in aquifers, Heat storage in SHS systems, Aquifers storage Phase Change Materials (PCMs), Selection criteria of PCMs, Stefan problem, Solar thermal LHTES systems, Energy conservation through LHTES systems, LHTES systems in refrigeration and air-conditioning systems. Enthalpy formulation, Numerical heat transfer in melting and freezing process. Food preservation, Waste heat recovery, Solar energy storage.

References:

1. L.F. Cabeza, *Advances in Thermal Energy Storage Systems: Methods and Applications*, (2e), Woodhead Publishing, UK, 2020.
2. S. Kalaiselvam, and R. Parameshwaram, *Thermal Energy Storage for Sustainability-Systems Design, Assessment and Applications*, Academic Press Inc. 2014.
3. S. P. Sukhame and J P Nayak, *Solar Energy: Principles of Thermal Collection and Storage*, (3e) Tata McGraw Hill, 2008.
4. Harald Mehling and Luisa F. Cabeza, *Heat and Cold Storage with PCM*, Springer-Verlag Berlin Heidelberg, 2008.

ME6207: ENERGY AUDIT [3 1 0 4]

Energy audit concepts: Energy needs of growing economy, Long term energy scenario, Energy pricing, Energy sector reforms. Energy security, Energy strategy for the future, Energy conservation Act-2001 and its features. Energy Codes And Standards. Measurements: Mass and energy balances: Facility as an energy system, Methods for preparing process flow, Material, and energy balance diagrams. Financial Management: Investment-need, Appraisal and criteria, Financial analysis techniques- Simple payback period, Return on investment, Net present value, Internal rate of return, Cash flows, Risk and sensitivity analysis, Financing options, Energy performance contracts and role of ESCOs. Electricity tariff, Load management, Power factor improvement, Distribution, and transformer losses. Losses in induction motors, Motor efficiency, Factors affecting motor performance, Rewinding and motor replacement issues, Energy efficient motors, Light source, Choice of lighting, Luminance requirements, and Energy conservation avenues. Compressed air system: Types of air compressors, Compressor efficiency, Efficient compressor operation.

References:

1. Y.P. Abbi, and S. Jain, *Handbook on Energy Audit and Environment Management*, The Energy and Resources Institute, 2009.
2. Frank Kreith and D. Yogi Goswami, *Introduction to Energy Conservation and Management*, CRC Press, 2017.
3. Paul O'Callaghan, *Energy Management*, McGraw-Hill Education.
4. Barney L. Capehart, Wayne C. Turner, and William J. Kennedy, *Energy Management Handbook*, (7e), CRC Press, 2011.

ME6208: MEASUREMENT & CONTROL IN ENERGY SYSTEMS [3 1 0 4]

Introduction: Basic measurement concepts, Measurement errors, Calibration, Uncertainty analysis. Thermo-flow measurement: Pressure, Velocity, Force, Temperature, Thermal radiation, Heat flux, Humidity. Measurement of Flow: Flow visualization techniques, Shadowgraph, Schlieren and interferometer. Temperature Measurement: Different principles of temperature measurement, Measurement of heat flux, Calibration of temperature measuring instruments. Air pollution sampling and measurement of particulates, SO_x, NO_x, CO, O₃, Hydrocarbons. Measurement of wind speed, Wind direction. Solar irradiance, Controls of solar and wind energy systems.

References:

1. S.P. Venkatesan, *Mechanical Measurement*, (2e), Ane Books Pvt. Ltd, 2015.
2. Karl B. Schnelle, Jr., Russell F. Dunn, Mary Ellen Terne, *Air Pollution Control Technology Handbook*, CRC Press, 2002 (Indian Reprint: 2014).
3. J.P. Holman, *Experimental Methods for Engineers*, 8th Edition, McGraw-Hill Education, (2011).
4. J. Billingsley, *Essentials of Control Techniques and Theory*, CRC Press, 2009.

ME6209: ENERGY ECONOMICS [3 1 0 4]

System economics: Sector wise consumption of energy resources, Electricity-fuel-transportation, Energy Scenario and supply position of different energy sectors: Indian and international Level – Coal, Oil, Natural Gas, RE, Hydro, Nuclear, Simple payback period, IRR, NPV, Life cycle costing, Cost of saved energy, Cost of energy generated. Energy demand forecasting: Forecasting, Simple and advanced techniques, Econometric approach to energy demand forecasting, Input-output model, Scenario based approach, ANN based approach, Hybrid approach, Energy demand analysis. Economics of demand/load management: Demand side management, cost effectiveness of DSM, Introduction to DSM, concept of DSM, Benefits of DSM, different techniques of DSM, Methods of DSM Load control, DSM planning.

References:

1. Subhes C. Bhattacharyya. *Energy Economics: Concepts, Issues, Markets and Governance*. Springer Science & Business Media, 2011.

2. T.C. Kandpal, *Financial Evaluation of Renewable Energy Technologies*, Macmillan Publishers India, 2003.
3. Peter Zweifel, Aaron Praktiknjo, and Georg Erdmann, *Energy Economics: Theory and Applications*, Springer-Verlag Berlin Heidelberg, 2017.
4. Aris Spanos, *Statistical Foundations of Econometric Modelling*, Cambridge University Press. 2011.

PROGRAM ELECTIVES:

ME6144: ALTERNATIVE FUELS [3 0 0 3]

Introduction: Estimation of conventional fuels, Advantages, and disadvantages of conventional fuels. Need for Alternative fuel, Availability and Comparative properties of Alternative fuels, classification of alternative fuels. Biofuels: Vegetable oil, Biodiesel and ethanol. Engine design modifications required & effects of design parameters on engine behaviour. Alcohols: Methods of using alcohols in CI and SI engines. Legal aspects of blending alternative fuels into conventional liquid fuels. Gaseous Fuels: Production of biogas, Factors affecting biogas formation and Usage of Biogas in SI engine & CI engine. Producer gas and their characteristics. Properties of LPG & CNG as engine fuels, Fuel metering systems, Combustion characteristics, Effect on performance, storage, Emission, Cost and safety. Other alternative fuels: Di-Methyl Ether (DME), Pyrolysis gas/oil, Synthetic gas/oil from plastic, rubber, coal, wood etc., Eco Friendly Plastic fuels (EPF).

References:

1. S.S. Thipse, *Alternative Fuels*, Jaico Publishing House, 2010.
2. Gerhard Knothe Jürgen Krahl Jon Gerpen, *The Biodiesel Handbook*, (2e) Academic Press and AOCS Press, 2010.
3. Richard L Bechtold, *Alternative Fuels Guidebook R-180*, Society of Automotive Engineers Published by SAE International, 1997.
4. G. D. Rai, *Non-Conventional Energy Sources*, Khanna Publications, 2011.

ME6145: CARBON AUDIT AND MANAGEMENT [3 0 0 3]

Greenhouse gas emissions from the energy sector and their time trend, Climate change and Other potential impacts of enhanced greenhouse effect caused by anthropogenic emissions primarily from extraction, conversion, transport, storage, and utilization of energy carriers. Carbon footprint, Carbon audit, Carbon management tools and accounting techniques. Life cycle assessment, Policies, Regulations, Protocols and Standards, Carbon credits and Carbon economics the concept of carbon sequestration. Clean development mechanism (CDM) and Its operationalization, Modalities and Procedures for CDM Project. Renewable energy certifications, Renewable purchase obligations, Automobile Emissions, Indian scenario, Impact of automobile pollutants and its abatement.

References:

1. S.M. Subramanian, *The Carbon Footprint Handbook*, CRC Pres, 2015.
2. *Carbon Handbook*, United Nations Development Programme, UNDP, 2014.
3. R Emmanuel and B. Keith, *Carbon Management in the Built Environment*, Routledge 2012.

ME6146: SOLAR ENERGY APPLICATIONS [3 0 0 3]

Solar Radiation: Extra-terrestrial and terrestrial, Radiation measuring instrument, Radiation measurement and Predictions. Solar thermal conversion: Basics, Flat plate collectors-liquid and air type. Classifications of solar thermal collectors. Theory of flat plate collectors, Selective coating, Advanced collectors. Concentrators: Optical design of concentrators, Solar water heater, Solar dryers, Solar stills, Solar ponds, Solar cooling and Refrigeration. Solar thermal power generation and Sterling engine. Solar photovoltaic: Principle of photovoltaic conversion of solar energy. Integration of thermal energy systems with various end use applications. Application of solar thermal technologies: Power generation, Industrial process heating, Water distillation, Refrigeration, Building heating and Cooling, Cooking, Drying Solar cells, Home lighting systems, Solar lanterns, Solar PV pumps, Solar energy storage options. Economic analyses of solar thermal energy systems, Life cycle assessment of solar thermal energy systems.

References:

1. Peter Heller, *The Performance of Concentrated Solar Power (CSP) Systems: Modelling, Measurement and Assessment*, Woodhead Publishing, 2017.

2. H.P. Garg and J. Prakash, *Solar Energy: Fundamentals and Applications*, McGraw Hill Education, 2017.
3. J.A. Duffie and W.A. Beckman, *Solar Engineering of Thermal Processes*, (4e), John Wiley and Sons, 2013.
4. S.A. Kalogirou, *Solar Energy Engineering: Processes and Systems*, (2e), Academic Press, 2013.
5. S. Sukhatme and J. Nayak, *Solar Energy: Principles of Thermal Collection and Storage*, (3e), McGraw Hill Education, 2008.

ME6147: ENERGY CONVERSION & STORAGE [3 0 0 3]

Introduction and basic definitions, Types and forms of energy, Energy balances, Energy production via cyclic processes, Energy conversion emphasizing on thermal efficiency of the conversion processes, Energy storage techniques including thermal energy storage by sensible and latent heats, Energy Conservation, Energy coupling.

References:

1. Yasar Demirel, *Energy, Production, Conversion, Storage, Conservation and Coupling*, Springer, 2012.
2. D. Yogi Goswami and Frank Kreith, *Energy Conversion*, (2e), CRC press, 2017.

ME6247: ELECTRICAL ENERGY TECHNOLOGY & MANAGEMENT [3 0 0 3]

Transformers: Parallel operation, Auto transformers DC machines, Generator characteristics, Motor characteristics applications. Synchronous machines, Permanent magnet alternators, Induction machines. Power factor correction: Concept of power factor and reactive power, Causes and effects of low power factor, Advantages of improved power factor, Energy saving by power factor. Transmission line: Power flow study, power factor improvement, faults on power systems, Symmetrical components, Introduction to HVDC systems. Controlled rectifiers, Choppers, Inverters, Voltage regulators and Cyclo converters. Speed control of dc motors, converter, fed and chopper fed control. Speed control of AC motors, Inverter fed and AC voltage controller, fed schemes. Wind-driven induction generators, Grid connected photo-voltaic systems, Steady state performance, Integration issues, Principles of energy auditing.

References:

1. John F. Walker and N. Jenkins, *Wind Energy Technology*, John Wiley and Sons, 1997.
2. Syed A Nasar, *Electric Energy Conversion and Transmission*, Macmillan Publishing Company, New York, 1985.
3. K. V. Sharma and P. Venkateshaiah, *Energy Management and Conservation*, I K International Publishing House Pvt. Ltd, 2011.
4. A. Garg, A.K. Bhoi, P. Sanjeevikumar, and K.K. Kamani, *Advances in Power Systems and Energy Management*. Springer Singapore, 2018.

ME6248: FUNDAMENTALS OF SOLAR PHOTOVOLTAICS [3 0 0 3]

Quantum mechanics, Crystals structures, Atomic bonding, Types of semiconductors, Energy band diagram, p-type and n-type semiconductors, Doping and Carrier concentration, Diffusion and Drift of carriers, Continuity equation, P-N junction and Its properties, Dark I-V equation of P-N junction, Junction under illumination, Solar cell and Solar PV modules, Issues with solar PV modules, Bypass diode and Blocking diode, Applications of solar PV systems, Electronic circuits in PV, Design of solar PV systems, Battery sizing, PV panel sizing, Inverter sizing, Solar lanterns, Water pumping application, Home lighting application, Cathodic protection, Remote lighting. Applications of Photovoltaic for power generation from few watts to megawatts.

References:

1. Roger A. Messenger and Amir Abtahi, *Photovoltaic Systems Engineering*, CRC Press, 2020.

2. Martin A. Green, *Solar Cells: Operating Principles, Technology and System Applications*, Longman Higher Education, 1982.
3. J. Nelson, *The Physics of Solar Cells*, Imperial College Press, 2006.
4. R. Brendel, *Thin-Film Crystalline Silicon Solar Cells: Physics and Technology*, Wiley-VCH, Weinheim, 2003.
5. Mary D Archer and Martin A Green, *Clean Electricity from Photovoltaics*, Imperial College Press, 2014.

ME6249: WASTE TO ENERGY [3 0 0 3]

Impact of waste on environment and classification of pollution. Types and sources of solid and hazardous wastes, Need for solid and hazardous waste management, Recycling and reuse, handling and Segregation of wastes. Energy from waste: Production, characterisation, and classification of waste as fuel– Biomass, Industrial waste, Municipal solid waste. Comparison of properties with conventional fuels. Power generation using waste to energy technologies. Waste to energy options: Type of thermo chemical conversion route of biomass, Direct combustion, Liquefaction, Gasification, Pyrolysis. Biochemical Conversion process, Anaerobic digestion, Fermentation, Composting. Briquetting technology: Production of solid recovered fuel (SRF) from waste and briquetted fuel. Comparison of properties of fuels derived from waste to energy technology with conventional fuels.

References:

1. Kanti L. Shah, *Basics of Solid & Hazardous Waste Management Technology*, Pearson, 1999.
2. Colin Parker, and T. Roberts, *Energy from Waste: Evaluation of Conversion Technologies*, Spon Press, 1985
3. D. O. Hall and R. P. Overend, *Biomass - Regenerable Energy*, John Willy and Sons Ltd. New York, 1987.
4. J. Pichtel, *Waste Management Practices: Municipal, Hazardous, and Industrial*, (2e), CRC Press , 2014
5. Marc J. Rogoff, and Francois Screve, *Waste-to-Energy: Technologies and Project Implementation*, (3e), Academic Press, 2019.

ME6250: ENERGY, ENVIRONMENT AND CLIMATE CHANGE [3 0 0 3]

Role of energy in economic development and social transformation. Energy and GDP, GNP and its dynamics, Impact of energy on economy, Energy sources and overall energy demand and availability. Future energy options: Sustainable development, Energy crisis, Transition from carbon rich and Nuclear to carbon free technologies. Environmental impacts of energy technologies: Limitations of traditional energy technologies, Criteria for the selection of new energy sources, Environmental degradation due to energy production and utilization, Fallout from nuclear explosions, Fuel processing and Radioactive waste. Global climate change: Causes and consequences of global warming, Ozone hole and consequence of ozone depletion, Montreal protocol, Kyoto protocol and Recent conventions. Climatic considerations in industrial locations, City planning, Landscape architecture and Abatement/mitigation of pollution, Strategies for conservation of environmental changes induced by CO₂ rise.

References:

1. C.E. Brown, *World Energy Resources*, Springer-Verlag Berlin Heidelberg, 2002.
2. G.N. Tiwari and M. K. Ghosal, *Renewable Energy Resources: Basic Principles and Applications*, Alpha Science International, Limited, 2004.
3. M. Dayal, *Renewable Energy Environment and Development*, Konark Publishers Pvt. Ltd, 1991.

ME6251: BIOMASS GASIFICATION & PYROLYSIS [3 0 0 3]

Historical background to solid waste conversion and motivation, Biomass characteristics, biomass handling, Pyrolysis and torrefaction, Tar production and destruction. Gasification theory and Modeling of gasifiers, Design of biomass gasifiers, Hydrothermal gasification of biomass. Production of synthetic fuels and chemicals from biomass. Current development and new frontiers and challenges in gasification and pyrolysis technologies.

References:

1. Prabir Basu, *Biomass Gasification, Pyrolysis and Torrefaction*, Academic Press, Elsevier, 2013.
2. Petr A. Nikrityuk and Bernd Meyer, *Gasification Processes-Modeling and Simulation*, Wiley-VCH Verlag GmbH & Co, 2014.
3. A.A. Vertes, N. Qureshi, H.P. Blaschek, H. Yukawa, *Biomass to Biofuels: Strategies for Global Industries*, Wiley, 2010.
4. S. Yang, H.A. El-Enshasy and N. Thongchul, *Bioprocessing Technologies in Biorefinery for Sustainable Production of Fuels, Chemicals and Polymers*, Wiley, 2013.
5. Shang-Tian Yang, *Bioprocessing for Value Added Products from Renewable Resources*, Elsevier, 2006.

ME6252: BIOMASS CONVERSION AND BIOREFINERY [3 0 0 3]

Introduction to biorefinery concept, Biomass characterization and pre-treatment, Physical & Thermochemical conversion processes, Review of biochemical conversion technologies, Biodiesel, Bioethanol and Biobutanol, Organic commodity chemicals from biomass, Integrated biorefinery concept.

References:

1. Donald L. Klass, *Biomass for Renewable Energy, Fuels, and Chemicals*, Academic Press, Elsevier, 2006.
2. Prabir Basu, *Biomass Gasification, Pyrolysis and Torrefaction*, Academic Press, Elsevier, 2013.
3. A.A. Vertes, N. Qureshi, H.P. Blaschek and H. Yukawa, *Biomass to Biofuels: Strategies for Global Industries*, Wiley, 2010.
4. S. Yang, H.A. El-Enshasy and N. Thongchul. *Bioprocessing Technologies in Biorefinery for Sustainable Production of Fuels, Chemicals and Polymers*, Wiley, 2013.
5. Shang-Tian Yang, *Bioprocessing for Value Added Products from Renewable Resources*, Elsevier, 2007.

ME6253: WIND AND HYDRO ENERGY SYSTEMS [3 0 0 3]

Wind machine classification, General theories of wind machines, Basic laws and concepts of aerodynamics, Description, and performance of the horizontal-axis wind machines and vertical-axis wind machines. Generation of electricity by wind machines, case studies. Wind energy conversion system (WECS) siting, Rotor selection, Annual energy output (AEO). Synchronous and asynchronous generators and loads, integration of wind energy converters to electrical networks, inverters. Overview of micro mini and small hydro, Site selection and civil works, Penstocks and Turbines, Speed and Voltage regulation, Investment issues, Load management and Tariff collection, Distribution and Marketing issues, Case studies, Wind and Hydro based stand-alone/hybrid power systems, Control of hybrid power systems, Wind diesel hybrid systems.

References:

1. J.F. Manwell, J.G. McGowan and A.L. Rogers, *Wind Energy Explained-Theory, Design and Application*, John Wiley & Sons Ltd., 2002.
2. M. O. L. Hansen, *Aerodynamics of Wind turbines*, Earthscan, 2008.
3. M. Laguna, *Guide on How to Develop a Small Hydropower Plant*, ESHA, 2004.
4. L.L. Freris, *Wind Energy Conversion Systems*, Prentice Hall 1990.
5. D.A. Spera, *Wind Turbine Technology: Fundamental Concepts of Wind Turbine Engineering*, ASME Press, NY 1994.

ME6132: ENERGY LAB-1 [0 0 4 2]

Preparation of biodiesel and determination of its physical properties. Elemental characterization of a fuel using CHNS(O) analyser. Study of performance characteristics of a diesel engine fuelled with different diesel-biodiesel blend. Study of performance characteristics of a spark ignition engine fuelled with alcohol-gasoline blend. Analysis of engine exhaust emission measurement using AVL DIGAS 444 analyser and AVL 437 Smoke meter. Solar radiation measurement.

References:

1. Gerhard Knothe Jürgen Krahl Jon Gerpen, *The Biodiesel Handbook*, (2e) Academic Press and AOCS Press, 2010.
2. S.S. Thipse, *Alternative Fuels*, Jaico Publishing House, 2010.

ME6232 ENERGY LAB-II [0 0 4 2]

Solar Radiation Data Monitoring and Analysis: Sunshine hour duration, Direct solar radiation, Global solar radiation, Diffuse solar radiation, Net radiation [W/m²], Outgoing radiation [W/m²], Infra-red radiation, Diffuse radiation from global and direct radiation at a given zenith angle. Solar Photovoltaic: Current-voltage characteristics of solar cell, Efficiency variation of solar cell, Performance variation of solar photocell at different light intensities, Determination of power produced by a solar photo voltaic system. Performance evaluation of a solar photo voltaic lighting system and its components: inverter, charge controller and battery, Performance evaluation of a solar photovoltaic water pump. Performance testing of solar cooker with and without energy storage system. Experiment on wind turbine generator. Determination of proximate analysis (Moisture content, Ash, Volatile matter & fixed carbon) for a Given Biomass Sample. Determination of Total solids, volatile Solids and calorific value for a given organic Biomass Sample. Determination of elemental analysis (chemical method) for a Given Biomass Sample.

References:

1. David C. Dayton and Thomas D. Foust, *Analytical Methods for Biomass Characterization and Conversion*, Elsevier, 2019.
2. S. P. Sukatme and J. Nayak, *Solar Energy Principles of Thermal Collection and Storage*, (3e), Tata Mc Graw Hill, 2008.

ME6233 ENERGY SIMULATION LAB [0 0 4 2]

Using PVSyst Software: Design and simulate grid-connected solar PV power plant for two sites with different latitudes under fixed tilt, seasonal tilt, and tracking, analyse average monthly performance ratio and energy production, analyse impact of thermal losses for silicon and thin film technologies, Analyse share losses for both the locations. Design and simulate Rooftop PV system for off grid application for a household. Power system simulation for engineering (PSS/E): Create and simulate an entire system in PSS/E, Determining the voltages, currents, and real and reactive power flows in a system under a given load conditions, Perform stability analysis in PSS/E. Using ANSYS FLUENT/COMSOL: Thermal energy storage related simulations. Using Design builder: To model a building. Diesel RK: Simulation of IC engines for alternate fuels.

References:

1. <https://diesel-rk.bmstu.ru/>
2. <https://www.pvsyst.com/software-evaluation/>

OPEN ELECTIVE:

ME6280: LEAN AND AGILE MANUFACTURING [3 0 0 3]

Framework of Toyota production system, Introduction to value stream mapping, Characteristics of lean value stream. Introduction to Kanban, Production smoothing, Shortening production lead time, Multifunction workers, Shortening setup time concepts and Techniques. Organization structure for promoting setup time reduction, Standardization of operations, Yo-i-Don system, One shot setup, Determining the standard quantity of work in progress, Preparing the standard operation sheet. The agile production paradigm, History of agile manufacturing, Agile manufacturing vs mass manufacturing. Agile practices, Agile practice for product development, Manufacturing agile practices, understanding the value of investing in people, Concept models of agile manufacturing, Infusing managerial principles for enabling agility.

References:

1. Y. Monden, *Toyota Production System: An Integrated Approach to Just-In-Time*, CRC Press, 2011.
2. J.M. Gross, K.R. McInnis, *Kanban Made Simple: Demystifying and Applying Toyota's Legendary Manufacturing Process*, AMACOM books, 2003
3. K.W. Dailey, D. Wieckhorst, B. Welch, *The Lean Manufacturing Pocket Handbook*, DW Publishing, 2003.
4. A. Gunasekaran, *Agile Manufacturing 21st Strategy Competitiveness Strategy*, Elsevier Publications, 2001.

ME6281: INDUSTRIAL SAFETY [3 0 0 3]

Industrial revolution, Milestones in the safety movement, Accidents & their effects, Cost of accidents, Theories of accident causation-Domino theory, Human factor theory, Accident/incident theory, Epidemiological theory, System theory, Industrial hazards, Ergonomic hazards, Mechanical hazards, Fall and Impact hazards, Temperature hazards, National Safety Council India (NSCI) and Industrial safety acts: Introduction to NSCI, Mission and Vision, Milestones, Management, NSCI safety award schemes, Safety audits, Risk assessment, NSCI safety rating system, Hazard and operational (HAZOP) studies, Industrial Safety Analysis and Management, Preliminary hazard analysis, Detailed hazard analysis, Failure mode and effect analysis (FMEA), Human error analysis (HEA), Environmental Safety: Safety, health and environment.

References:

1. L.G. David, *Occupational Safety and Health for Technologists Engineers and Managers*, (5e), Pearson-Prentice Hall, 2005.
2. F.R. Spellman, N.E. Whiting, *The Handbook of Safety Engineering: Principles and Applications*, The Scarecrow Press Inc., 2010
3. A.K. Gupta, *Industrial Safety and Environment*, Laxmi Publications (P) Ltd., 2006
4. C.R. Asfahi, D.W. Rieske, *Industrial Safety and Health Management*, (7e), Pearson, 2018.



ENERGY ECONOMICS AND POLICY

PROF. SHYAMASREE DASGUPTA

Department of Humanities and Social Sciences
IIT Mandi

PRE-REQUISITES : Any foundational course in Economics

INTENDED AUDIENCE : Primarily the graduate students working in the area of energy economics and energy policy domain. This course will also be useful for general audience

INDUSTRIES APPLICABLE TO : Power Sector; Energy consulting firms; Renewable Energy production units, Policy makers

COURSE OUTLINE :

The course deals with understanding energy as a scarce resource, various aspects of energy demand and supply with a focus to policies that are in place to promote renewable energy supply and finally, a much needed discussion on interaction between energy, environment and climate change. The course aims at broadening the vision of students while making any energy related decision as a technology developer, energy manager, entrepreneur, policy maker, researcher in future or simply for personal energy use in day to day activities.

ABOUT INSTRUCTOR :

Prof. Shyamasree Dasgupta is an Assistant Professor at the School of Humanities and Social Sciences in Indian Institute of Technology Mandi. She is an economist by training. Her teaching and research interest remains in the area of energy, environment, climate change and sustainable development. She obtained Ph.D and M.Phil in Economics from Jadavpur University, Kolkata, India with SYLFF Fellowship. She is a member of several active academic/research networks including International Association of Energy Economics, Indian Society for Ecological Economics, The Indian Econometric Society etc. She is a contributing author in the Industry Chapter of IPCC AR 5.

COURSE PLAN :

Week 1: Energy as a Scarce Resource; Classification, Measurement and Accounting of energy resources

Week 2: Energy Demand-Part I- Analyzing past, present and future demand

Week 3: Energy Demand-Part II - Demand Side Management, policies and behavioural issues

Week 4: Energy Supply- Part I – Economics and policies of non-renewable energy supply

Week 5: Energy Supply- Part II – Economics of electricity supply and renewable energy and related policies

Week 6: Energy Market

Week 7: Special topics on energy, environment and climate change - Part I

Week 8: Special topics on energy, environment and climate change - Part II

Energy Economics and Policy

COURSE OUTCOMES

- This course covers the economic principles that guide the energy-related behavior of both the producers and the consumers of energy and the policy regime that has emerged to govern it.
- The course has four building blocks: understanding energy as a scarce resource, various aspects of energy demand and supply with a focus on policies that are in place to promote renewable energy supply, and finally, a much-needed discussion on the interaction between energy, environment, and climate change.
- The course aims at broadening students' vision while making any energy-related decision as a technology developer, energy manager, entrepreneur, policy maker, or researcher in the future, or simply for personal energy use in day-to-day activities.



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Energy Economics And Policy

with a consolidated score of **47** %

Online Assignments	16.13/25	Proctored Exam	31.06/75
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Total number of candidates certified in this course: **53**

Prof. Tushar Jain
Centre for Continuing Education
IIT Mandi

Aug-Oct 2022

(8 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras