



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



**Sustainability Cell**  
**at**  
**Manipal University Jaipur**



## 1. Introduction

The Sustainability Cell at Manipal University Jaipur (MUJ) aims for sustainability awareness and integration technology for research, capacity building, policy making and striving for collaborations across the community for knowledge dissemination with the vision in line with the United Nations Sustainable Development Goals along with the Central Government. We strive to achieve net zero emissions and create a thriving, resilient, and sustainable future, not only for our campus but beyond the boundaries of MUJ.

## 2. Motivation

We, at MUJ, understand the urgent need to address pressing environmental challenges such as climate change, biodiversity loss, resource depletion, and pollution. As an academic institution, our aim is to inspire positive change and cultivate a culture of sustainability that resonates with all the stakeholders of MUJ, by integrating sustainability into every aspect of our academic, administrative, and operational endeavors. Sustainability is a collective endeavor that requires collaboration and partnership and through proactive measures and innovative initiatives, we pledge to minimize our ecological footprint, conserve natural resources, and protect the rich biodiversity surrounding our campus.

We seek to empower our students, faculty, staff, and stakeholders with the knowledge and resources to become champions of sustainability. Through education, awareness campaigns, training programs, and green initiatives, we endeavor to instill a deep sense of responsibility towards our environment and society.

Additionally, the efforts undertaken by the Sustainability Cell at MUJ will significantly contribute to enhancing the university's performance in national and international rankings, such as the NIRF Sustainability Ranking, THE Impact Rankings, and QS Sustainability Rankings. These initiatives will play a pivotal role in accelerating MUJ's position in prestigious rankings.

## 3. Mission

To be a global leading institution in transforming sustainable education for all stakeholders; envisioning a future where our university operates with net-zero emissions and serves as a model for sustainable practices; empowering students, faculty, and staff to become agents of positive change by integrating sustainability into curriculum; conducting research on sustainability challenges; and partnering with global communities.

## 4. Specific Outcomes from Sustainability Cell at MUJ

- Establish MUJ as one of the leading universities in India to initiate on sustainability
- Visibility for MUJ at various international and national forums
- Release of Annual Report on SDGs\_Sustainability Cell MUJ
- Improved Rankings in THE impact ranking both overall and SDG wise
- Exploration and Scope of ranking in QS Sustainability Rankings
- To establish MUJ as United Nations Academic Impact (UNAI) Sustainable Development Goals (SDG) Hub Chair for at least One SDG
- Promote and support research and innovation focused on SDG to drive societal impact



## **5. Area of Work/Objectives**

- To contribute to wellbeing through implementation of SDGs.
- To set and achieve sustainability goals related to energy, food, and recycling.
- To collaborate with faculty, students, and administrative units to align their teaching, learning and working with SDGs.
- To implement educational programs and resource management strategies to promote sustainability on campus.
- To create, implement and modify policies to support SDGs within the institution.
- To explore and create new internal and external partnerships for implementation of SDGs.

## **6. Roles and Responsibilities**

- Platform for discussion, debates and learnings on sustainability issues.
- Campus projects with faculty and students for sustainability innovations.
- Empowering MUJ's community to lead and enhance sustainability efforts.

## **7. Implementation**

- Implementation of recommendations from environment, energy and green audit report
- Implementation Towards Plastic Free Campus
- Policy Advocacy
- Sustainability Report
- Engagement with Local Community and Awareness (including Community Radio)

## **8. Impact**

- Reduced Carbon Footprint
- Clean and Green Energy
- Net Zero Meals
- Efficient Water Conservation
- Efficient Process Towards Waste Management
- Events and Activities on sustainable Awareness
- Eco Friendly Campus focusing life on land

## **9. Bifurcation and Committees focusing SDG**

SDGs at MUJ can be bifurcated into 4 major clusters, namely:

- The Social Wellbeing Goal,
- The Environment Goal,
- The Economic Goal,
- The Governance and Partnership Goal

### **9.1 The Social Wellbeing Goal includes**

- SDG 1: No Poverty
- SDG 2: Zero Hunger
- SDG 3: Good Health and Well-being



- SDG 4: Quality Education
- SDG 5: Gender Equality
- SDG 10: Reduced Inequalities

### 9.2 The Environment Goal

- SDG 6: Clean Water and Sanitation
- SDG 7: Affordable and Clean Energy
- SDG 12: Responsible Consumption and Production
- SDG 13: Climate Action
- SDG 14: Life Below Water
- SDG 15: Life on Land

### 9.3 The Economic Goal

- SDG 8: Decent Work and Economic Growth
- SDG 9: Industry, Innovation, and Infrastructure
- SDG 11: Sustainable Cities and Communities

### 9.4 The Governance and Partnership Goal

- SDG 16: Peace, Justice, and Strong Institutions
- SDG 17: Partnerships for the Goals

## 10. Engagement within MUJ towards SDGs

The table below details the guidelines for engagement with the SDGs:

S.No.	Approach	Guidelines
1.	Mapping of all University activities (existing and upcoming) with specific SDGs	<ul style="list-style-type: none"> <li>• Identify key stakeholders and potential champions for the SDGs across all departments and directorates.</li> <li>• Identify the activities throughout the year focusing specific SDGs</li> </ul>
2.	Building internal capacity, enhancing and ownership of the SDGs	<ul style="list-style-type: none"> <li>• Running a stakeholders engagement workshop</li> <li>• Commitment plan for engagement with SDGs across research, learning, teaching, operations, governance and culture</li> <li>• Highlighting and working on areas of intra and inter university collaborations</li> </ul>
3.	Identifying priorities, opportunities, and gaps to meet the desired goals in	<ul style="list-style-type: none"> <li>• Agenda setting workshops followed by monthly review meetings.</li> </ul>

	research, innovation and collaborative areas	<ul style="list-style-type: none"> <li>• Involvement and dissemination of knowledge and delegation of work and responsibility among all stakeholders</li> </ul>
4.	Integrating, implementing, and embedding the SDGs within university strategies, policies, and plans	<ul style="list-style-type: none"> <li>• Embedding commitment and action plan into strategy across departments and directorates</li> <li>• Refinement of MUJ policy</li> </ul>
5.	Monitoring, evaluating, and communicating actions on the SDGs	<ul style="list-style-type: none"> <li>• Reporting and Documentation</li> <li>• Event Mapping and Quarterly Evaluating Targets towards SDGs and Net Zero.</li> <li>• Mass communication to celebrate contributions to SDGs</li> <li>• Informing and shaping the future engagement plans to attract right collaboration</li> </ul>

### 11. Key Pillars of Sustainability in Action

The role of sustainability cell shall revolve around the key pillars: Knowledge and Learning, Research and Innovation, Collaboration, and Governance, all contributing to the central concept of the Sustainability Cell and upon which activities and operations shall be further bifurcated.



Fig. 1 Key Pillars of Sustainability at MUJ



## 12. Key Activities and Operations at Sustainability Cell, MUJ

Knowledge and Learning		
Sr. No.	Name of activity	In consultation with
1.	Mapping of academic programs with SDGs	Academic Department
2.	Mapping of courses with SDGs	Academic Departments
3.	Student projects based on SDGs	Department, Directorate of E-Cell and Directorate of Research
4.	Student Leadership Forums on SDGs	Directorate of Student
5.	Organization of conferences and Workshops	Deans along with Academic Departments
6.	Introducing vocational training programs	Deans along with Academic Departments
7.	Organising expert lectures from relevant SDG experts	Deans along with Academic Departments
8.	Introducing SDGs in doctoral program	Directorate of Research and Deans
9.	Recognising SDG contribution in academic excellence	Dean and Academic Department
10.	Mapping of students' co-curricular activities with SDGs	Directorate of Student Welfare
11.	Developing SDG related online courses	Academic Department and MUJ-TEC
Research and Innovation		
1.	Applying for the grants offered for sustainable development	Directorate of Research
2.	Mapping of research output with SDGs	Directorate of Research
3.	Community based research projects	Directorate of Research
4.	Recognising research work on sustainable development	Directorate of Research
5.	Interdisciplinary research activities through intra and inter university collaboration	Directorate of Research, Academic Departments
6.	Offering SEED grant for the initial research SDG related	Directorate of Research
7.	SDG ideation forum	Directorate of E-Cell
8.	Publishing IPRs related to SDGs	Directorate of E-Cell
9.	Support for green and sustainable innovations and to have societal impact	Directorate of E-Cell, AIC



10.	Encourage participation of students and organise in Innovation challenges and events	Directorate of E-Cell, Academic Departments
11.	Highlight the significant activities on MUJ website	Academic Department, Registrar Office
<b>Governance</b>		
1.	SDG related scholarships to international students of developing countries	DSW, Director admission
2.	Developing policies and process required SDG wise	Registrar Office and Directorate of Quality & Compliance
3.	Support community connect programs <ul style="list-style-type: none"> <li>- Organising health camps</li> <li>- Organising tree plantation drive</li> <li>- Organising blood donation camp</li> <li>- Community awareness for health and hygiene</li> <li>- Other CSR activities for community well being</li> </ul>	Directorate of General Services & Administration, Directorate of Student Welfare Registrar Office
4.	Incorporate SDGs into university organisational reporting	Directorate of Quality & Compliance
5.	Monitoring and Reporting SDG related activities	Directorate of Quality & Compliance
6.	Recognising clubs and departments for SDG related efforts in the form of SDG awards (internally)	Directorate of Students Welfare
7.	Participation by university leadership in various SDG forums and events	MUJ Leadership
9.	Allocation of budget for SDG initiatives and activities	Finance office
10.	Student Leadership forum on the SDGs	Directorate of Student Welfare
<b>Collaboration</b>		
1.	Membership of various international forums and clubs working for SDGs	Directorate of Students Welfare
2.	Encouraging collaboration for joint research i.e. <ul style="list-style-type: none"> <li>- Publications (specially with low-income group country authors)</li> <li>- Joint research project for funding</li> </ul>	Directorate of Research
3.	Industry MoUs align with SDGs	Directorate of E-Cell
4.	Cross sectoral partnership for solving real community problems	Directorate of Research and Directorate of Students Welfare
5.	SDG related exchange programs with foreign partner universities	Directorate of International Collaboration
6.	Internships for the students related to sustainable projects	Directorate of Corporate Relations
7.	Rural immersion programs	Departments, DSW



### 13. MUJ at THE Impact Rankings

MUJ has participated in the previous three editions of the international rankings focusing SDGs, out of which the following are the details of two editions of the ranking as announced:

<b>SDG wise Ranking</b>	<b>2024 Rank</b>	<b>2023 Rank</b>
Overall	601-800	601-800
SDG 15: Life on Land	65	Not Participated
SDG 12: Responsible Consumption and Production	101–200	310-400
SDG 11: Sustainable Cities and Communities	101–200	Not Participated
SDG 6: Clean Water and Sanitation	101–200	201-300
SDG 7: Affordable and Clean Energy	401–600	201-300
SDG 16: Peace, Justice and Strong Institutions	301–400	401-600
SDG 9: Industry, Innovation and Infrastructure	301–400	Not Participated
SDG 17: Partnership for the Goals	401–600	601-800
SDG 2: Zero Hunger	401–600	Not Participated
SDG3: Good Health and Wellbeing	801–1000	801-1000

The operation of sustainability cells shall further improve the rankings and visibility of MUJ nationally and globally.



## **14. Composition of Sustainability Cell**

### **1. Patron**

- a. President, MUJ

### **2. Advisors**

- a. Pro-President, MUJ
- b. Registrar, MUJ
- c. Provost, MUJ
- d. Dean Quality & Compliances, MUJ
- e. Dean Student Welfare, MUJ
- f. CF&AO, MUJ
- g. Director GS&A, MUJ

### **3. Facilitator**

- a. Directorate of Quality & Compliance

### **4. Executive Members**

- a. Convener SDG-Cell (Cluster wise, Total 4)
  - i. Dr. Pratibha Mishra, The Social Wellbeing Goal
  - ii. Dr. Bibhu Kalyan Nayak, The Environment Goal
  - iii. Dr. Krishnamurthy Bhat, The Economic Goal
  - iv. Dr. Sony Kulshrestha, The Governance and Partnership Goal

### **5. SDG champions: Cluster wise (Annexure A)**



## Annexure-1

### 1. The Social Wellbeing Goal

Sr No	Employee ID	Employee Name	Department Name	Email ID
1	MUJ0450	<b>Dr. Pratibha Mishra</b>	Department of Fashion Design	pratibha.mishra@jaipur.manipal.edu
2	MUJ1016	Dr. R K Tailor	Department of Business Administration	rajeshkumar.tailor@jaipur.manipal.edu
3	MUJ1550	Dr. Mayank Namdev	Department of Computer Science and Engineering	mayank.namdev@jaipur.manipal.edu
4	MUJ1496	Dr. Shraddha Tripathi	Department of Psychology	shraddha.tripathi@jaipur.manipal.edu
5	MUJ0666	Ms. Varuni Sharma	Department Of Economics	varuni.sharma@jaipur.manipal.edu
6	MUJ1402	Dr. Amit Garg	Department of Computer Science and Engineering	amit.garg@jaipur.manipal.edu
7	MUJ1573	Dr. Geeta Chhabra Gandhi	Department of Computer Applications	geeta.gandhi@jaipur.manipal.edu
8	MUJ0384	Dr. Renu Kumawat	Department of IoT and Intelligent Systems	renu.kumawat@jaipur.manipal.edu
9	MUJ1358	Dr. Himani Sharma	Department of Commerce	himani.sharma@jaipur.manipal.edu
10	MUJ1612	Dr. Garima Singh	Department of Economics	garima.singh@jaipur.manipal.edu
11	MUJ0692	Dr. Kusum Kanwar	Department of Fine Arts	kusum.kanwar@jaipur.manipal.edu



## 2. The Environment Goal

Sr No	Employee ID	Employee Name	Department Name	Email ID
1	MUJ0253	<b>Dr. Bibhu Kalyan Nayak</b>	School of Architecture and Design	bibhukalyan.nayak@jaipur.manipal.edu
2	MUJ1090	Dr. Vivek Sharma	Department of Computer and Communication Engineering	vivek.sharma@jaipur.manipal.edu
3	MUJ1499	Dr. Ruchi Joshi	Department of Psychology	Ruchi.joshi@jaipur.manipal.edu
4	MUJ0037	Dr Hemant Raj Singh	Department of Mechanical Engineering	hemant.singh@jaipur.manipal.edu
5	MUJ0953	Dr. Manoj Kumar Sharma	Department of Computer and Communication Engineering	manojkumar.sharma@jaipur.manipal.edu
6	MUJAD017	Ms. Vipasha Sharma	Department of Computer Science and Engineering	vipasha.sharma@jaipur.manipal.edu
7	MUJ1785	Ms. Surbhi Sayal	Department of Computer Science and Engineering	surbhi.syal@jaipur.manipal.edu
8	MUJ0512	Dr. Princy Randhawa	Department of Mechatronics	princy.randhawa@jaipur.manipal.edu
9	MUJ1728	Dr. Ajay Somra	Department of Journalism and Mass Communication	ajay.somra@jaipur.manipal.edu
10	MUJ1419	Dr. Ajay Kumar	Department of Computer Science and Engineering	ajay.k@jaipur.manipal.edu
11	MUJ0057	Dr. Deepshikha Sharma	Department of Fashion Design	deepshikha.sharma@jaipur.manipal.edu



Sr No	Employee ID	Employee Name	Department Name	Email ID
12	MUJ0900	Dr. Mousumi Debnath	Department of Biotechnology and Chemical engineering	mousumi.debnath@jaipur.manipal.edu
13	MUJ1894	Dr. Nikhil Kumar	Department of Biotechnology and Chemical engineering	nikhil.kumar@jaipur.manipal.edu
14	MUJ0241	Dr. Vijay Shankar Kumawat	Department of Mechanical Engineering	vijayshankar.kumawat@jaipur.manipal.edu
15	MUJ1210	Dr. Abhay Kashyap	Department of Hotel Management	abhay.kashyap@jaipur.manipal.edu
16	MUJ1888	Dr. Abhay Dinker	Department of Biotechnology and Chemical Engineering	abhay.dinkar@jaipur.manipal.edu
17	MUJ1660	Dr. Nadana Raja Vadivu G	Department of Biotechnology and Chemical Engineering Department	nadana.vadivu@jaipur.manipal.edu



### 3. The Economic Goal

Sr No	Employee ID	Employee Name	Department Name	Email ID
1	MUJ1941	<b>Dr. Krishnamurthy Bhat</b>	School of Pharmaceutical Sciences	krishnamurthy.bhat@jaipur.manipal.edu
2	MUJ1103	Dr. Dinesh Kumar Saini	Department of IoT & IS	dineshkumar.saini@jaipur.manipal.edu
3	MUJ0901	Dr. Minali Banerjee	Department of Economics	minali.banerjee@jaipur.manipal.edu
4	MUJ1421	Dr. Shishir Singh Chauhan	Department of Computer Science and Engineering	shishir.chauhan@jaipur.manipal.edu
5	MUJ1549	Dr. Pooja Gupta	Department of Data Science & Engineering	pooja.gupta@jaipur.manipal.edu
6	MUJ0744	Dr. Rishi Gupta	Department of Computer Science and Engineering	rishi.gupta@jaipur.manipal.edu
7	MUJ0710	Dr. Vaishali Kapoor	Department of Journalism and Mass Communication	vaishali.kapoor@jaipur.manipal.edu

#### 4. The Governance and Partnership Goal

Sr No	Employee ID	Employee Name	School and Department Name	Email ID
1	MUJ0351	Dr. Sony Kulshrestha	Department of Law	sony.kulshrestha@jaipur.manipal.edu
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3	MUJ1720	Dr. Anushka Srivastava	Department of Journalism and Mass Communication	anushka.srivastava@jaipur.manipal.edu
4	MUJ1502	Dr. Rachan Daimary	Department of Journalism and Mass Communication	rachan.daimary@jaipur.manipal.edu
5	MUJ1961	Dr. Deepali Rani Sahoo	Department of Law	deepali.sahoo@jaipur.manipal.edu
6	MUJ0390	Dr. Sourav Kumar Das	Department of Civil Engineering	souravkumar.das@jaipur.manipal.edu