

Manav Rachna International Institute of Research and Studies

(Deemed to be University under section 3 of the UGC Act,1956)



17 PARTNERSHIPS
FOR THE GOALS



Strengthen the means of
implementation & revitalize
the Global Partnership for
Sustainable Development

PROGRESS REPORT

2022-23



Contents

- 1.Preamble**
- 2.MRIIRS' Commitment to SDG 1**
- 3.MRIIRS' Commitment to SDG 2**
- 4.MRIIRS' Commitment to SDG 3**
- 5.MRIIRS' Commitment to SDG 4**
- 6.MRIIRS' Commitment to SDG 5**
- 7.MRIIRS' Commitment to SDG 6**
- 8.MRIIRS' Commitment to SDG 7**
- 9.MRIIRS' Commitment to SDG 8**
- 10.MRIIRS' Commitment to SDG 9**
- 11.MRIIRS' Commitment to SDG 10**
- 12.MRIIRS' Commitment to SDG 11**
- 13.MRIIRS' Commitment to SDG 12**
- 14.MRIIRS' Commitment to SDG 13**
- 15.MRIIRS' Commitment to SDG 14**
- 16.MRIIRS' Commitment to SDG 15**
- 17.MRIIRS' Commitment to SDG 16**
- 18. MRIIRS' Commitment to SDG 17**

1. Preamble:

Manav Rachna International Institute of Research and Studies (MRIIRS) acknowledges the pivotal significance of SDG 17, emphasizing the vital role of partnerships for the achievement of sustainable development. Committed to fostering collaboration, MRIIRS recognizes the imperative of forging robust alliances, both locally and globally, to facilitate the exchange of knowledge, resources, and expertise. With a dedicated focus on SDG 17, MRIIRS endeavors to establish and fortify partnerships that drive collective action, promoting innovation and sustainable solutions for a better, interconnected world.

At MRIIRS, we take pride in our commitment to addressing all Sustainable Development Goals (SDGs 1,2,3,4,5,6,9,10,11,12,13,15) set forth by the United Nations. Our multifaceted approach involves a diverse array of initiatives spanning education, community engagement, research, and partnerships, all aimed at fostering sustainable development. From promoting quality education and gender equality to ensuring clean water, health, innovation, and sustainable communities, we actively work towards achieving these goals. Our endeavors extend beyond mere compliance; they reflect our ethos, ingrained in every aspect of our institution, empowering us to contribute meaningfully to a more sustainable and equitable world. Despite, there's a need for intensified attention on SDGs 7, 8, 16, and 14. Particularly, sustainable energy (SDG 7) and decent work and economic growth (SDG 8) warrant increased emphasis to drive impactful change. Additionally, fostering conserving life below water (SDG 14) requires more focused efforts to ensure a more sustainable and harmonious future.

2. MRIIRS' Commitment to SDG 1 (No Poverty):

Empowering Communities Manav Rachna International Institute of Research and Studies (MRIIRS) is a beacon of hope and an exemplar of dedication in the pursuit of one of the United Nations' most vital Sustainable Development Goals (SDGs) - SDG 1, "No Poverty." At MRIIRS, the commitment to eradicating poverty in all its forms is not merely a lofty aspiration; it is a tangible and actionable reality. Through a diverse spectrum of activities and initiatives, the Institution is fostering Change, Empowering Communities, and creating opportunities that directly and indirectly address the multifaceted challenges of poverty. These initiatives encompass Education, Skill Development, Research, Community Engagement, and Sustainable practices, all working in concert to uplift individuals and communities from the shackles of destitution, and ultimately, to contribute to the Global mission of achieving a world where no one is left behind in the shadows of poverty.

Manav Rachna International Institute of Research and Studies through various Anti-Poverty Programmes and initiatives supports a wide range of Community in tackling poverty.

MRIIRS is committed in advancing Sustainable Development Goal 1, "No Poverty," by fostering education and skills development among economically disadvantaged communities. Through various outreach programs, scholarship initiatives, and vocational training opportunities, MRIIRS empowers individuals from marginalized backgrounds to break the cycle of poverty. By providing quality education and equipping them with the tools to access better livelihood opportunities, MRIIRS contributes to reducing poverty levels and promoting economic inclusivity in the region, thereby aligning its efforts with the global mission to eradicate poverty and ensure a more equitable and prosperous future for all.



The ISR (Institutional Social Responsibility) arm of MRIIRS, the Dr. O.P. Bhalla Foundation, consistently spearheads impactful endeavours in line with Sustainable Development Goal 1, "No Poverty." Their remarkable initiatives, including Donation Drives, the Rescue Home project, and free health camps, exemplify their unwavering commitment to alleviating poverty and improving the lives of the less fortunate. These benevolent efforts not only transform individual destinies but also symbolize the Foundation's dedication to creating a more equitable and poverty-free society.



MRIIRS in collaboration with its ISR arm is running multiple programmes to tackle various social issues in the community by engaging the youth through various initiatives, campaigns, and social programmes to transform them into Social Leaders of the Nation.

Here are some notable initiatives and activities aimed at addressing SDG 1

- ISR arm of Manav Rachna International Institute of Research and Studies: Dr. O P Bhalla Foundation

- Special Fee Scholarship for needy, low-income background students
- Donation Drives: Books, Pairs of Shoes, Clothes, Computers, Oximeters, Safety Masks, Donations for Elders
- EkMuthiDaan: No one Sleeps Hungry
- Free Health Camps
- Give Her Wings to Fly: Sanitary Napkins Donation Drives
- Raddi Waste Paper Collection Drive for recycling and distribution of notebooks prepared from recycled paper
- KaushalKaryashala
- Teachers on Call
- Free Mental Health Counselling Support

For comprehensive details, kindly refer to the webpage pertaining to SDG 1:
<https://mriirs.edu.in/sdg01-no-poverty/>

3. MRIIRS' Commitment to SDG 2 (Zero Hunger):

Empowering Communities Manav Rachna International Institute of Research and Studies (MRIIRS) stands resolutely committed to the fulfillment of Sustainable Development Goal 2 (SDG 2) - Zero Hunger. With an unwavering dedication to addressing food security, promoting sustainable agriculture, and ensuring access to nutritious and sufficient food for all, MRIIRS has implemented a range of impactful initiatives and practices.

MRIIRS do follow a food wastage tracking program based on Sustainable Food policy. Food nutrition and wastage audit committee has been constituted at the Institute level as per the 'Sustainable Food Policy of MRIIRS'. The roles and responsibilities of this committee includes conduct of awareness sessions to minimize the food wastage, collate and analyze the food wastage records, draft the strategies to minimize the food waste, sustainable disposition of generated food waste, monitor waste food management, to ensure the availability of sustainable, healthy and affordable food choices on campus, conduct awareness on sustainable farming practices, training on sustainable technical agricultural aspects, etc. This food waste tracking process provides better identification of areas for improvement and makes team members more aware about the food wastage. Food waste at all the outlets of the campus including Hostel Mess is recorded on the daily basis through MIS and kept in record for making future strategies. The analysis of food waste is evaluated and based on the statistics further measures including rigorous sensitization towards NO FOOD WASTE etc. are planned.

To track the food wastage apart from various measures ,regular Food audits are being conducted to check the quality of the food consumption. In order to ensure that products are used before they expire, the food nutrition and wastage audit committee decides to alter how frequently the team analyses inventory. This makes a significant contribution to achieving future goals and expectations about food waste.

The institute's initiatives are diverse and far-reaching. Our community-based projects aim to improve access to food, especially for marginalized and vulnerable populations. The main initiative under this **EK Muthi Daan** in association with Dr. O.P. Bhalla Foundation initiated on March 28, 2014 by father of Manav Rachna, visionary late Dr. O.P. Bhalla to make his dream true that no child on the street should sleep hungry as much as possible. On 16th September 2023, Manav Rachna International Institute of Research and Studies organized EkMutthiDaan: Mega Grain Donation Drive in which with diligent support from students and teachers from MRIIRS, we were able to collect 11,807 kg of dry grains from the year 2023 and donated to orphanages, old age homes, animal shelters and to District



These efforts involve setting up community kitchens, food banks, and nutrition programs to ensure that everyone has access to adequate and nutritious food. Additionally, our educational curriculum integrates knowledge about sustainable agriculture and nutrition, fostering an understanding of the importance of a balanced diet and sustainable food practices.

Apart from this institute is also having the in house Nutrition and Diet clinic to create awareness of balance diet and spread nutrition knowledge. The objective of Diet and Nutrition clinic was to provide nutrition support with regard to nutritional assessment, nutritional awareness, providing guidelines to prevent communicable and non-communicable disease and providing treatment of various metabolic disorder. Many patients of different ailments were catered for such as hypothyroidism, diabetes, kidney disorder, liver disorder, hyperlipidaemia, hypertension, obesity, weight gain and many more.

Health camps are organized at regular intervals to different areas of Delhi, NCR so as to reach out to those people who are unable to visit in OPD.

In camps, we provide free consultation and assessments to people who are in need. We explain to them about their conditions and guide them dos and don'ts with nutrition perspective.

Moreover, MRIIRS actively participates in research endeavors focused on improving agricultural techniques, enhancing crop resilience, and minimizing food waste. These research initiatives not only contribute to local solutions but also feed into the global knowledge pool, advancing innovative approaches to combat food insecurity. The ISR Arm of MRIIRS Dr.O.P. Bhalla Foundation collaborates with various NGOs and international agencies, MRIIRS harnesses a collective approach to tackle hunger. Our partnerships aim to foster sustainable food systems, promote agricultural innovation, and advocate for policies that ensure food security for all.

MRIIRS recognizes that achieving SDG 2 is not only a matter of food production but also entails addressing broader issues like poverty, inequality, and climate change. As such, our commitment extends beyond mere food provision to encompass a holistic approach that seeks to tackle the root causes of hunger.

- **For comprehensive details, kindly refer to the webpage pertaining to SDG 2:**<https://mriirs.edu.in/sdg02-zero-hunger/>

4. MRIIRS' Commitment to SDG 3 (Good Health and Well-Being):Empowering Communities

Manav Rachna International Institute of Research and Studies (MRIIRS) is firmly dedicated to advancing Sustainable Development Goal 3 (SDG 3) - Good Health and Well-being.

At MRIIRS, our dedication to SDG 3 manifests in various dimensions. We place significant emphasis on promoting health and well-being not only within our campus but also within the broader community. Our comprehensive approach includes educational programs, health campaigns, research initiatives, and community engagement.

MRIIRS actively engages in health promotion campaigns, addressing prevalent health issues within local communities. Through these initiatives, we strive to raise awareness about various health concerns, encouraging preventive measures and healthy lifestyle choices. MRIIRS actively contributes to these outcome targets. Notably, the institute engages in reducing maternal mortality, ensuring child health by preventing preventable child deaths, fighting communicable diseases, promoting mental health, and preventing substance abuse. MRIIRS also works towards reducing road injuries and deaths, providing universal access to sexual and reproductive care, family planning, and education, achieving universal health coverage, and reducing illnesses and deaths caused by hazardous chemicals and pollution.

The regular health camps are being organized by Department of Dental Sciences, Nutrition and Dietetics, Physiotherapy and also by Department of Psychology on mental health through

- मनोव्रति: Counseling and Wellness Centre)

<https://mriirs.edu.in/%e0%a4%ae%e0%a4%a8%e0%a5%8bvriti-counseling-and-wellness-centre/>

These efforts span from organizing health camps to conducting informational workshops, all aimed at enhancing community well-being.

Free oral health camps by the Department of Dental Sciences are a part of our commitment to addressing dental health needs in underserved communities. These camps offer free dental check-ups, basic treatments, and oral hygiene education.

Through these initiatives, we aim to promote dental health awareness and provide essential dental care to individuals who may not have regular access to such services.

In parallel, our physiotherapy health camps focus on musculoskeletal health and physical well-being. These camps offer assessments, basic physiotherapy treatments, and guidance on exercises and lifestyle adjustments aimed at improving physical health. They are designed to aid individuals in managing pain, improving mobility, and understanding preventive measures for physical well-being.

The Nutrition and Dietetics Department coordinates Balanced Diet Campaigns. Throughout the year 2022-23, approximately 500 health camps are being conducted at various locations.

Access to quality sexual and reproductive health services plays a vital role in the well-being of a human being. The services cover a broad spectrum of care, including maternal and new-born care, access to contraception and the prevention and treatment of HIV or other sexually transmitted infections. We at MRIIRS strive to improve reproductive health services and maintain good sexual and reproductive health. MRIIRS supports by providing:

- Sexual and reproductive health care education, assistance, awareness and counselling services for all the students.
- In-campus facilities including Counselling Cell, Grievance Cell, separate Common Room for girls and Boys, all the females' toilets are equipped with free sanitary pad dispensers and incinerators. Free sanitary pads distribution to all the female students was also an initiative towards female hygiene in MRIIRS.
- Awareness through expert talks and outreach awareness camps being organized in the five adopted villages on the topics like mensural hygiene, safety camps, physiotherapy and nutritional advices in breast feeding women.

Furthermore, research forms a fundamental part of our commitment to SDG 3. MRIIRS endeavors to contribute to the body of knowledge related to health and well-being through scientific inquiry. Our research initiatives focus on areas such as disease prevention, healthcare accessibility, mental health, and innovative medical technologies, with the aim of advancing the field and positively impacting public health. Numerous research publications approximately 130 papers and projects in the fields of Well-Being, Psychology, Osteoarthritis, Obesity, Geriatrics, and Dental Sciences are actively undertaken by both students and faculty members.

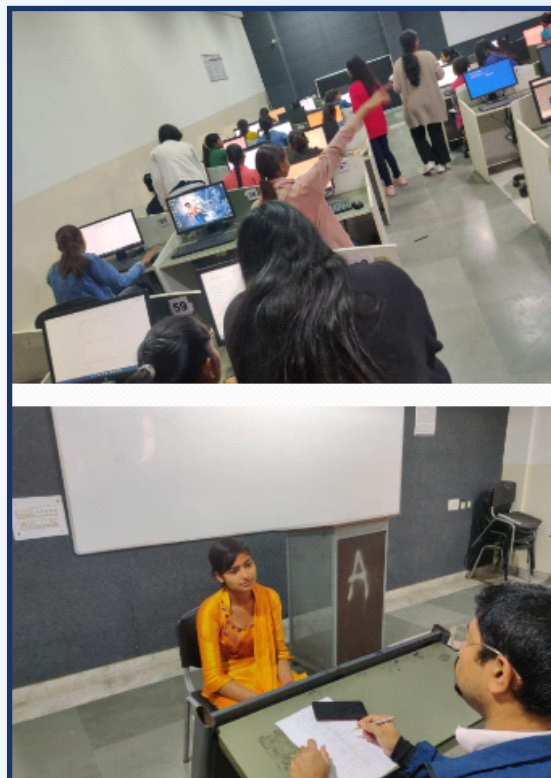
In addition to these efforts, the institute with the support of Dr. O.P Bhalla Foundation actively collaborates with healthcare professionals, NGOs, government bodies, and international organizations to enhance health care delivery, promote access to quality healthcare services, and develop strategies for disease prevention.

- **For comprehensive details, kindly refer to the webpage pertaining to SDG 3:** <https://mriirs.edu.in/sdg03-good-health-and-well-being/>

5. MRIIRS' Commitment to SDG 4 (Quality Education): Empowering Communities

Manav Rachna International Institute of Research and Studies is actively working in the community engagement and sustainable development by actively engaging in various outreach projects. The university aligns its outreach projects with the Sustainable Development Goals (SDGs). The university demonstrates its commitment to social responsibility by offering, managing, and delivering a wide range of outreach initiatives that benefit the local community. These initiatives encompass diverse domains such as education, health, information services, reading programs, community engagement, and tutorials.

Furthermore, MRIIRS's robust community engagement initiatives, including workshops, visits, waste segregation collection drives, plantation drives, seminars, health camps and collaborations with local partners, as it strives to bridge gaps and collaboratively work towards sustainable change.



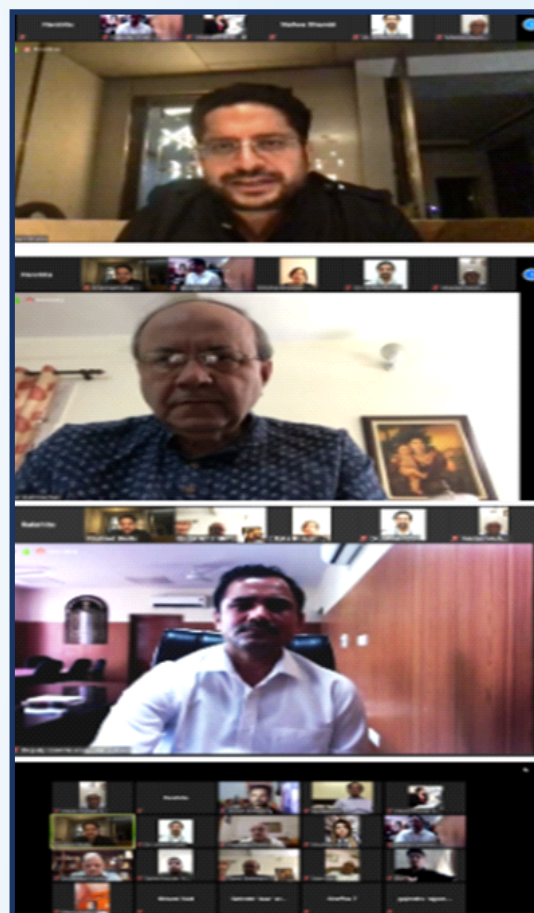
Manav Rachna has adopted 5 villages (Maujpur, Hirapur, Nariyala, Chhainssa, PanheraKhurd)of Faridabad district under Unnat Bharat Abhiyaan. Several activities are conducted regularly to educate young children residing in the villages.


- The school facilities in these villages have been upgraded by stocking libraries, constructing toilets, **providing furniture**, and installing solar panels
- Vocational centers for imparting **computer education and spoken English** have been established
- Students have been provided with education equipment, uniforms, textbooks, and notebooks.
- Workshops are conducted for capacity building of teachers and school heads using latest teaching aids and equipment and ICT resources.
- The groups of students, under the guidance of faculty members, make a regular visit to the adopted villages, identify the needs and do the needful including dental checkup camps by Dental Department.
- Similarly, there has been a widespread activity by MRIIRS to teach girls in the villages and a neighborhood village Mohna in the Faridabad District.

Manav Rachna International Institute of Research and Studies (MRIIRS) is dedicated to engaging in impactful Social Responsibility (ISR) activities for students in various adopted village schools. These activities encompass a range of initiatives designed to enhance their education and skills.

Among these initiatives are computer classes, providing essential technological education to broaden the horizons of learning for the students. Additionally, vocational training programs are organized, offering practical skill development in various trades, empowering students with employable skills.

The "Teacher on Call" initiative aims to provide additional educational support, offering guidance and mentoring to students whenever needed. The "Margdarshan" program offers comprehensive guidance and counseling, helping students navigate their educational journey and career choices.





Moreover, "KaushalKaaryashalaProgramme " focuses on honing practical skills and abilities, facilitating hands-on learning experiences for the students. These activities collectively aim to supplement and enhance the academic curriculum, offering students a well-rounded and enriching educational experience .In conjunction with these efforts, the "Right Approach to Understanding Student Higher Education (RUSH)" initiative aims to provide insights and guidance for higher education, helping students make informed decisions about their academic futures.

- **For comprehensive details, kindly refer to the webpage pertaining to SDG 4:** <https://mriirs.edu.in/sdg04-quality-education/>

6. MRIIRS' Commitment to SDG 5 (Gender Equality): Empowering Communities

Manav Rachna International Institute of Research and Studies (MRIIRS), steadfast in its commitment to the United Nations Sustainable Development Goals, recognizes the profound significance of SDG 5: Gender Equality. MRIIRS acknowledge that gender equality is not only a fundamental human right but also a critical catalyst for achieving social, economic, and environmental sustainability worldwide.

As an academic institution, MRIIRS pledges to champion the principles of gender equality in every facet of its activities. We firmly believe in the importance of promoting equal opportunities, eliminating discrimination, and fostering an inclusive environment where every individual, regardless of their gender, can flourish and reach their full potential.

MRIIRS endeavors to empower and educate its students, faculty, and staff about the paramount importance of gender equality and women's rights. Through research, education, advocacy, and community engagement, MRIIRS strives to contribute to the realization of SDG 5.

MRIIRS promotes academic and applied research within and cross-domain disciplines through an intellectually inspiring and supportive environment. There is a Research Innovation and Incubation Policy, augmented by necessary infrastructure that aids the eco-system to stimulate quality research in emerging areas including gender equality, transformation, and impact.

The research policy facilitates initiatives like grants of seed money to researchers, Incentive schemes for quality publications, etc. leading to sponsored research and extramural grants, including on gender studies. With constant mentoring, faculty members and students have published than more than 2588 research publications in Scopus and Web of Science.

Manav Rachna New Gen IEDC funded by NSTEDB has contributed towards the creation of Innovation ecosystem and has led to 85 start-ups in last five years, 84 published and 20 granted patents.

As per the principles stated in our Gender Equity Policy, MRIIRS is committed to ensuring equal and equitable opportunities for all students, and employees regard less of their gender. MRIIRS ensures that all female students achieve their potential, through full and active participation.

The policies, plans and programmes are committed to addressing any barriers, so that the student community becomes more self-assured. As a result, access and participation of women candidates and students to MRIIRS programs have always been very high.



The specific area of women's applications, acceptance, entry, and participation within MRIIRS, is addressed in the following plan to **eliminate any gap based on gender**.

The University has a Gender Sensitizing Cell that prepares an annual plan to raise awareness on the Gender issues, for all, to promote the gender consciousness and empowerment. MRIIRS through its proactive faculty, staff and student programs, follows an annual Strategic Perspective Plan (SSP), under which the departments prepare a will annually look into the following semester wise Events Calendar, to fulfill the mandate of promoting Human Values, gender sensitizing and social responsibility. Some of the activities include, but are not limited to:

- Promoting communication with respect for human dignity and social responsibility.
- Allow the recognition of multidimensional representations of women and men.
- Promote communications that represent unbiased representations of gender equity.
- Conduct workshops that promote diversity and gender-sensitive communication for members and employees
- A senior role in every campus whom faculty and students can reach out in matters of need related to gender-related communication.
- Monitoring and evaluation mechanisms for implementation and their follow-ups.
- Conducting regular awareness-raising activities among students and staff

In classes, faculty members promote working together, fair representations for leadership roles, facilitate impartial participation, gender balance in team projects, when possible, promote students meeting with faculty, having open and closed sessions with faculty members of the appropriate gender for related scenarios, complaints, and counseling during class hours and at hostels. Balanced gender quota in hiring committees. The university follows the Mentor-Mentee program, whereby through vertical mentoring the students are regularly monitored for all aspects of teaching learning experience. It is also ensured that the assigned group of mentees to mentor follows gender parity.



Several initiatives and outreach programs are organized through the university's CSR wing, the O.P Bhalla Foundation. The outreach program to girls schools in interior of Faridabad and villages nearby has been a successful initiative. Different Departments of the university jointly with the Foundation organize various immersion programs among school girls, to help them decide joining higher education, Awareness sessions on hygiene, donation drives for sanitary napkins under the banner "Give Her Wings to Fly," and gender awareness sessions. Additionally, an annual Queer Pride month is observed every June as part of these activities.

- **For comprehensive details, kindly refer to the webpage pertaining to SDG 5:** <https://mriirs.edu.in/sdg05-gender-equality/>

7. MRIIRS' Commitment to SDG 6 (Clean Water and Sanitation): Empowering Communities

Manav Rachna International Institute of Research and Studies (MRIIRS) is dedicated to fulfilling the objectives of Sustainable Development Goal 6 (SDG 6) - Clean Water and Sanitation.

MRIIRS actively engages in initiatives aimed at water conservation, access to clean water, and improved sanitation facilities. We prioritize sustainable practices to manage and conserve water resources within our institution and the communities we serve.

Mission-1: Education and outreach

- Capacity building for stake holders for comprehensive and sustainable water resources management for nation building.
- Formulation of interdisciplinary curriculum and course on water for various level and purposes.
- Run conventional and web based short, medium and long courses.
- Awareness creation through collaboration with Government, civil society and industries.
- Creating popular documents for social awareness.

Mission-2: Science and Technology based Solutions

- Establish state-of-the-art laboratory dealing with various issues of water.
- Run interdisciplinary projects in water sector.
- Adoption and showcasing of new technologies for waste treatment, water reuse, irrigation efficiency, contamination and mitigation etc.
- Consultancy services on water related issues.
- To collaborate with national and international institutions/centers on fundamental research and with key industry partners on applied R&D.

Mission-3: Sustainable Management

- Developing interdisciplinary group for research to bring sustainability in water sector.
- Educate and empower different stake holders about assessing, monitoring and sustainable use of water.
- Collaborate with Government departments, civil society, and industries to promote judicious management of water resource.
- Transfer of technology from laboratory to field on water use, conservation and other aspects.
- Networking with other organizations who share common interests and goals.
- To promote alternative resource potential to enhance water sustainability

Mission-4: Water policy and Governance

- Study and research on socio- economy of water resources and its societal impact.
- Interaction with industry and Government and other stakeholders for present policy implication and gaps.
- Promote science and technology of water domain in water policy framing.
- Educate and aware the policy makers on immerging dynamics of ground water management.
- Bridging gaps between existing water policy and governance framework and its social understanding

Mission-5: Enhanced Investment

- Establishing network of academia and industry for identification of area of investment in water sector.
- Promoting investments in water resources sector through CSR projects.
- Analysis and assessment of market-based solutions to improve water related services.
- Research and promote practice of water pricing and ground water marketing.

The institute undertakes various projects to improve water quality and sanitation, including awareness campaigns, infrastructure development, and community engagement.

Manav Rachna Centre for Advance Water Technology & Management (MRCAWTM) was established in 2017 to pursue teaching, research, consultancy and impart training programmes in hydro geology, water resources engineering and management, water quality and collateral environment and ecology issues. The center brings together a group of experts and researchers specializing in various fields, including hydrology, hydro geology, hydro chemistry, eco-hydrology, and environmental management. Additionally, the Center has cultivated expertise in community-oriented water resource development, socio-hydrology, and sustainable management based on watershed principles.



Its primary goal is to tackle the real-world challenges confronted by stakeholders and serve as a platform for science and technology-driven solutions. These solutions encompass non-invasive investigations, analysis of water quality, wastewater recycling, examination of surface and groundwater dynamics and resources, interpretation of satellite data, hydrographic analysis at local and regional scales, mathematical modeling of water resources, and the application of Geographic Information Systems (GIS).

Major Projects undertaken by CAWTM towards Sustainability:


- Atal Bhujal Yojana (Atal Groundwater Mission) is to demonstrate community-led sustainable ground water management which can be taken to scale. The Atal Bhujal Yojana which is implemented in seven water stress states of India, including Haryana, is funded by Govt. of India and World Bank

- Study for Rainwater harvesting around Iron ore mine of DholtaPahar, and NetrabandhPahar, Sundergarh, Odissa
- Impact assessment of underground mining of Manganese Ore on GW (Ground Water) in and around Miragpur, Balaghat Madhya Pradesh, India and Panderwani, Balaghat Madhya Pradesh, India
- Hydrogeological Investigation and Impact Assessment for Dholtapahar and NetrabandhaPahar (West) for Iron Ore Block, Sundergarh District, Odisha (2 Projects)
- Jal Jeevan Mission is an ambitious project taken by the Govt. of India to ensure achieving the Sustainable Development Goal SDG-6, where functional tap connection has to be provided to each individual household of rural India. The project has been adopted by Haryana State and MRCAWTM, MRIIRS has been engaged as State Implementation Support Agency (SISA).
- Hydrogeological surveillance of fresh water and saline water interface at Barmer area of Rajasthan funded by CAIRN – Vedanta Oil & Gas Pvt. Ltd. CAIRN Oil and Gas use saline water for increasing oil production
- Hydrogeological Investigation and Impact Assessment for Dubiyara Iron Ore Mines, SihoraTahsil, Jabalpur District, Madhya Pradesh
- Co-solving water logging and groundwater depletion issues in parts of Faridabad Smart City-Project” is for targeting the urban water management and for improving its sustainability.
- Rainwater Harvesting in Khoh Village in Manesar, Haryana, India
- Feasibility of Revival of Badkhal Lake at Faridabad, Haryana, India

Manav Rachna International Institute of Research and Studies (MRIIRS) places significant emphasis on effective wastewater management to ensure environmental sustainability. Our institution is committed to implementing comprehensive strategies and practices for responsible wastewater treatment and management.

MRIIRS has installed a 200KL/Day Sewage Treatment Plant (STP) to treat the sewage generated within the campus. Underground drains are constructed connecting all the buildings to the STP. The site of STP is kept in the down slope end of the campus, so as to facilitate the gravitational movement of sewage to STP. The detailed procedure of collection and treatment has been depicted as schematic diagram of STP.

It is used to generate sufficient treated waste water per day to irrigate 2.87ha planted landscape within the lush green campus and for flushing purposes. The output water quality of STP is maintained keeping Biochemical Oxygen Demand (BOD) within permissible level. Frequent analysis of output water is done to keep check on its quality.



The awareness camps organized by MRIIRS emphasize the importance of responsible water usage and the need for conservation practices. Through interactive workshops, educational sessions, and hands-on activities, participants are informed about the various ways to conserve water in their daily lives.

These camps foster a deeper understanding of the challenges related to water scarcity and the urgent need for conservation measures. Participants are encouraged to adopt water-saving practices both at home and in their communities, promoting a collective responsibility for preserving this precious resource.

Our commitment to SDG 6 underscores our dedication to ensuring that everyone has access to clean water and adequate sanitation. MRIIRS continues to implement and advocate for sustainable practices that contribute to the realization of this fundamental human right.

For comprehensive details, kindly refer to the webpage pertaining to SDG 6:
<https://mriirs.edu.in/sdg06-clean-water-and-sanitation/>

8. MRIIRS' Commitment to SDG 7 (Affordable and Clean Energy): Empowering Communities

Manav Rachna International Institute of Research and Studies (MRIIRS) is deeply committed to advancing Sustainable Development Goal 7 (SDG 7) - Affordable and Clean Energy. Our institution actively pursues initiatives that focus on ensuring access to affordable, reliable, sustainable, and modern energy for all.

MRIIRS prioritizes the adoption and promotion of sustainable energy practices. The institute works towards reducing its carbon footprint by implementing renewable energy sources and energy-efficient technologies across its campus.

Furthermore, the institution engages in educational programs and awareness campaigns to promote the understanding and adoption of clean energy practices among its community and beyond. These initiatives aim to highlight the importance of renewable energy sources and their role in achieving a sustainable energy future. Additionally, MRIIRS collaborates with various stakeholders, industry experts, and policymakers to advance the adoption of clean energy solutions. These partnerships drive initiatives that contribute to the implementation of sustainable and environmentally friendly energy practices.

The commitment to SDG 7 is ingrained in the core of MRIIRS, reflecting its dedication to fostering a sustainable energy ecosystem that ensures accessibility, reliability, and affordability of clean energy for a more sustainable future. MRIIRS promotes the usage of affordable and clean energy by conducting various awareness programmes, competitions, pledges, etc. within and beyond campus.

To ensure that MRIIRS has an efficient energy management system and identify the areas where energy consumption is maximum, it has regularly undergone surveillance audits.

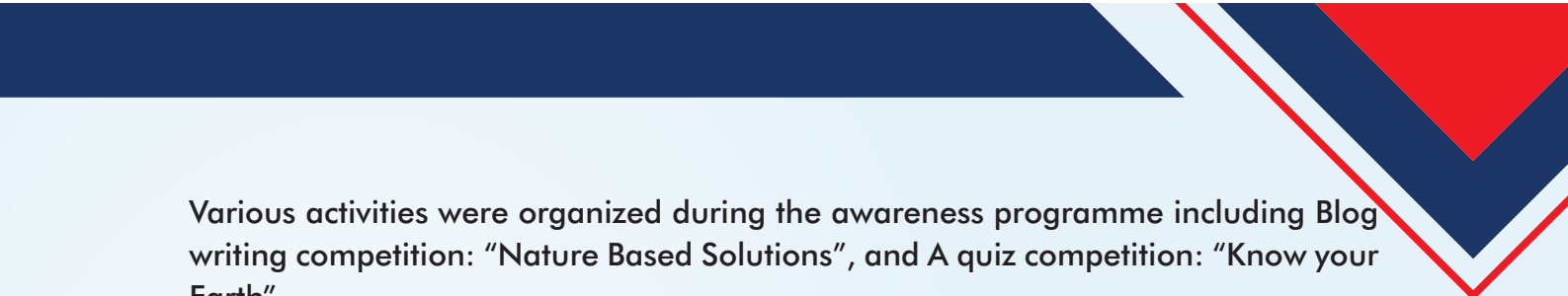
Energy Management System of MRIIRS is ISO 50001:2018 certified since July 22, 2022 by Intercert Private Limited, and Environment Management System of MRIIRS is ISO 14001:2015 certified since July 04, 2022 by KVQA Certification Services Private Limited.

MRIIRS has won appreciation from different organisations for the spreading awareness about need of maintaining clean and green environment and reducing energy consumption by conducting various activities within and outside its campus. Energy Swaraj Foundation has felicitated MRIIRS with Silver certificate of Appreciation for making 500+ people Energy Literate.

MRIIRS has also received appreciation from the Mahatma Gandhi National Council of Rural Education for facilitating and completing the Green activities on campus by the faculty members and students. Few are Listed below:

MRIIRS organized One Week Environment Protection Programme to create awareness amongst people about the usage of clean energy resources to protect Environment from harmful effect caused due to usage of non-renewable sources of energy.





Various activities were organized during the awareness programme including Blog writing competition: "Nature Based Solutions", and A quiz competition: "Know your Earth".

Awareness Program- Rethink, Reduce, Recycle: Empowering Communities for Change:

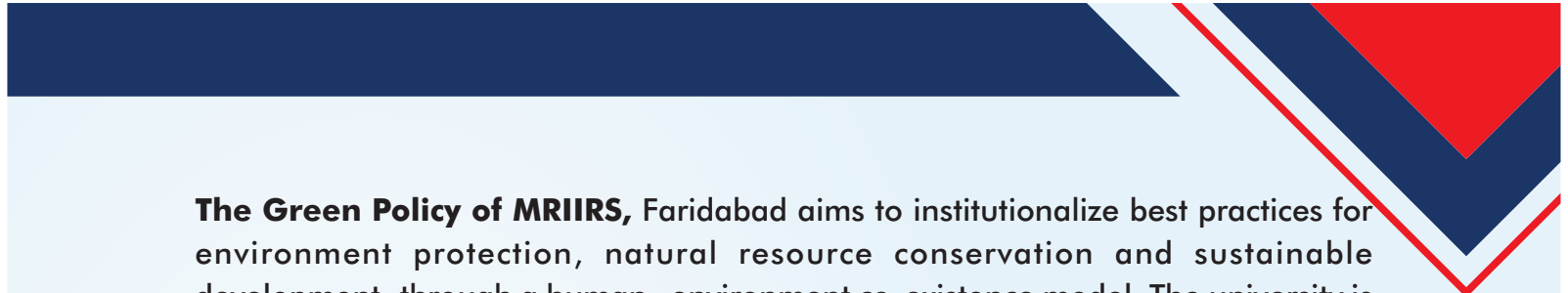
To spread awareness amongst students and faculty members of MRIIRS, an awareness programme on reduction of energy consumption through responsible waste management, and recycling habits, was organized by MRIIRS on 26th September, 2023.

To spread awareness amongst the students and faculty members about Affordable and Clean Energy and promote a commitment to their integration into our lives, a pledge taking ceremony on Renewable Energy was organised by Internal Quality Assurance Cell, Manav Rachna International Institute of Research and Studies (MRIIRS) on August 22 and 23, 2023. Students and faculty members at MRIIRS took pledge that they are going to use renewable energy sources and reduce dependence on the non-renewable energy resources.

Manav Rachna International Institute of Research and Studies, Organized Awareness Programme on "Pledge on low Carbon Usage on 31st August 2023. During the pledge, students were briefed about the benefits of the reduction of carbon usage. Renewable energy is an endless resource that never runs out. It will ultimately run out, unlike fossil fuels, which we have a finite supply of on Earth.

A clean environment ensures the elimination of harmful substances that can cause diseases and ecological imbalance. Green environment, on the other hand, play a significant role in absorbing carbon dioxide, reducing heat and providing habitats for various species. To promote appreciable knowledge among budding professionals regarding reducing carbon usage and increasing dependence on clean and affordable energy, a Quiz competition was organized at MRIIRS on September 01, 2023.

Mega Tree Plantation Drive in Adopted Village: Tree plantation drives play a crucial role in energy conservation and the promotion of clean and green energy by reducing energy consumption, sequestering carbon, and contributing to a more sustainable and environmentally friendly community and world. MRIIRS organized a Mega Tree plantation drive at 10 adopted villages: Mohna, Maujpur, Hirapur, Nariyala, PanheraKhurd, Chainsa, Atali, Mothuka, Dayalpur, and Gadkheda in a single day (August 20, 2021). More than 3000 trees were distributed



The Green Policy of MRIIRS, Faridabad aims to institutionalize best practices for environment protection, natural resource conservation and sustainable development through a human– environment co-existence model. The university is committed towards sustainability through effective participation and supervision of institutional resources with assurance of providing excellent teaching, learning and research environment.

The MRIIRS green policy ensures that the university works in a tenable manner by managing its water and energy consumption with a wise, responsible and efficient usage of water and energy.

For comprehensive details, kindly refer to the webpage pertaining to SDG 7:
<https://mriirs.edu.in/sdg07-affordable-and-clean-energy/>

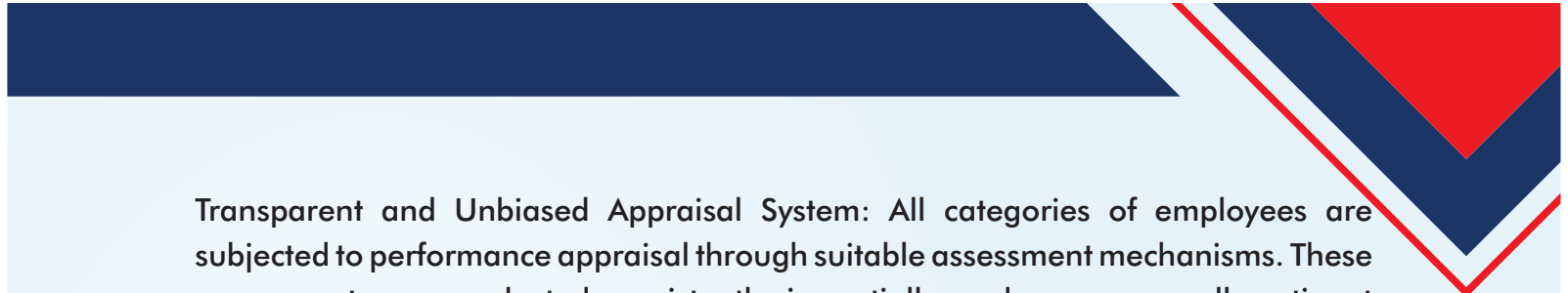
9. MRIIRS' Commitment to SDG 8 (Decent Work and Economic Growth): Empowering Communities

Manav Rachna International Institute of Research and Studies (MRIIRS) is dedicated to advancing Sustainable Development Goal 8 (SDG 8) - Decent Work and Economic Growth. Our commitment revolves around fostering inclusive economic growth and promoting opportunities for decent and productive employment for all.

MRIIRS actively promotes various initiatives that contribute to economic growth and decent work opportunities. The institution focuses on providing skill development programs, entrepreneurship initiatives, and career development opportunities for its students.

- **Policy and Procedures for Faculty and Staff Welfare:**

MRIIRS has instituted an employment policy that promotes a gender-neutral atmosphere within the organization, fostering a harmonious and supportive work environment for all faculty and staff members throughout its campus. Faculty and Staff Well-being encompasses various aspects, including employee orientation and induction, recruitment, comprehensive training, skill development, performance appraisals, fair compensation and benefits, employee motivation, effective labor relations, safety compliance, and health regulations. The university is dedicated to taking all reasonable steps to enhance employee welfare, with a specific focus on addressing the needs of female staff. To this end, the university has established a dedicated committee responsible for formulating and overseeing welfare initiatives for its employees.



Transparent and Unbiased Appraisal System: All categories of employees are subjected to performance appraisal through suitable assessment mechanisms. These assessments are conducted consistently, impartially, and encompass all pertinent aspects of an employee's job and responsibilities. The appraisal data for faculty and staff members serves as a foundation for decision-making, influencing actions related to appraisal, promotion, and tenure, both for the reporting officer and the Appointing authority

As an educational Institution, MRIIRS plays an important role in the development and progress of the Faculty and Staff members irrespective of the gender. In delivering on the promise of excellence, the Gender Equity Policy guides the institutionalization of policies and practices that promote gender equity and equality and which ensure that no member faces discrimination or harassment on the basis of their gender.

The overarching purpose of the Gender Equity Policy is to operationalize gender main streaming, thereby ensuring that all genders have equitable access to the resources and tools of development to better their lives. It ensures that all genders study and work in an environment that protects the fundamental rights and freedoms of all. For dealing with complaints the University has a special Internal Complaints Committee, Along with this the University has a Women and Gender Sensitization Committee and a Committee for Prevention of Sexual Harassment to empower and bring justice to the victim.

- **Placement Opportunities for Students**

The prime objective for most of the students to enroll in higher education is to get a job after completing the programme. It is a dream of every student to either get placed in top MNCs or start his/her own venture to achieve his/her set goals and objectives.

Keeping in view all these stated facts and with the aim to place the maximum number of students, MRIIRS has levelled up by equipping and upgrading its training and placement unit by proper balancing the curricula of different programmes giving emphasis on multi-disciplinary environment and Skill-based Education.

Corporate Resource Centre (CRC) is one of the facilitating centres of MRIIRS, which engages with the industry and constantly strives for expanding the industry-academia interface. Fulfilling the dreams of the students to get placed in the companies of his/her choice has been a constant endeavour of CRC.

The CRC invites relevant companies to the campus and help them conduct the recruitment drive. It also registers and informs students about the placement drives being conducted in or outside the campus. The CRC also publishes/ notifies the advertisements about walk-ins or recruitment and informs students about internship opportunities.

Moreover, MRIIRS collaborates with industries and businesses to create avenues for internships, placements, and experiential learning, ensuring students are equipped with practical skills and experiences that align with market demands.

Additionally, the institution prioritizes the promotion of an inclusive and diverse work environment. Through various programs, MRIIRS advocates for gender equality, diversity, and equal opportunities in the workplace.

Furthermore, the institute engages in community-focused economic development initiatives, supporting local businesses, and contributing to regional economic growth.

MRIIRS' commitment to SDG 8 reflects its dedication to nurturing an environment that fosters economic growth, offers decent employment opportunities, and advocates for inclusive and sustainable economic development for all.

For comprehensive details, kindly refer to the webpage pertaining to SDG 8:
[https://mriirs.edu.in/sdg08-decent Work and economic Growth/](https://mriirs.edu.in/sdg08-decent%20Work%20and%20economic%20Growth/)

10. MRIIRS' Commitment to SDG 9 (Industry, Innovation and Infrastructure): Empowering Communities

Manav Rachna International Institute of Research and Studies (MRIIRS) is dedicated to fostering innovation and actively encourages various efforts aimed at generating and disseminating knowledge. The university has established a strong innovation ecosystem, where young, creative minds are nurtured, and their innovative capabilities are harnessed within an academic setting. This environment contributes solutions to numerous challenges faced by both society and industry.

Manav Rachna Innovation and Incubation Centre (MRIIC) is an initiative to encourage and support the creation of knowledge-based and technology-driven start-ups backed by the Government of India-funded NewGen Innovation and Entrepreneurship Development Centre (NewGen IEDC) which help the students to commercialize their start-up ideas and innovations.



Besides the university has state-of-the-art labs and centres of excellence offering skill set enhancement by nurturing industry-academia partnerships. The focus is on applied research leading to patents, research publications and generation of IPRs with the ultimate objective of improving employability of a university graduate.


In a broader sense to drive forward the now compromised environment towards Sustainable Development, the SDG 9, having vast importance through Industry, Innovation and Infrastructure plays indeed a key role to remedy the issue.

It broadly discusses the infrastructure resilience to help bolster an inclusive industrialization spanning across different sectors to harbour innovations. This goal and its aspects serve a robust role towards sustainability in terms of innovations and infrastructures to help blanket a solution of the environmental impacts which quintessentially cognates towards all remaining sectors, a finality in solution yet to be reached slowly but surely, no matter the size of the work and the sectoral participations of all players. Therein, lies the role of different streams of studies, to help find congruity towards the SDG 9 layout as part of the hands that pledged to join for a better tomorrow.



The university's role as an umbrella that houses numerous streams of study and its promotion of inclusiveness is the backbone for research, innovations, and applications towards sustainability to help foster the germ of an idea and nurture it to fruition, every small idea counts. The role of Engineering and Technology, conclusive with applied sciences plays a central role in strategizing sustainable management and innovations that curtails to the contemporary scenarios and aid to adapt to sustainable infrastructure. Various up-to-trend initiatives are being explored within the realm of engineering through sustainable usage of resources. The Management Studies creates a process towards which organisations and infrastructures can economically utilize resources to strengthen the development of organisational and technological initiatives.

The media/humanities and behavioural studies advocate for the admittance to communication and research technologies towards community participations. The details of our work towards SDG 9 through teaching and learning, research ecosystem with innovation & entrepreneurship opportunities and industry partnerships are presented in the preceding sections.



The university has been recognized for its research acumen at State Government level, as reflected in award of State Government Projects on National Flagship Programs namely Jal Jeevan Mission (JJM) and Atal Bhujal Yojna. In Jal Jeevan Mission (JJM), the university participated as State Implementation Support Agency (SISA) for Public Health Engineering Department (PHED) with funding of Rs 47.53 lacs for the year 2021-22 and has been given extension for one more year i.e., 2022-23. In Atal Bhujal Yojna Atal Jal, MRIIRS is associated as District Implementation Partner (DIP) with Water Resource and Irrigation for Atal Bhujal Yojna, Atal Jal having Faridabad and Palwal Districts as work domains with funding of Rs 7.73 Crores for a period of 4 years. Other prime research projects awarded are from Department of Biotechnology, GoI with Regional Centre for Biotechnology (RCB) with funding of Rs. 15 lacs (7.5 + 7.5 each) and Department of Nutrition & Dietetics of Rs. 21.7 lacs from NFSM- ICAR, GoI apart from several other government and non-government funded projects. It is worth appreciating that a grant of Rs. 3 Lakhs has been awarded by ICMR to 6 students of Dental Science for their research work in the form of fellowship. Following are the details of prominent funding areas and funding agencies for MRIIRS:

MRIIC operates as an incubator that is not limited to any particular industry, welcoming student ideas through a rigorous screening process. Once selected, students receive comprehensive support, including access to state-of-the-art prototyping equipment and software to bring their business ideas to life. Each chosen student startup is eligible for a prototype development grant of up to Rs. 2.5 lakhs. The centre proudly boasts a track record of nurturing 85 student startups incubated on campus during the last five years. These startups, while each having its own unique achievements, include notable ventures like Technoplanet Labs Private Limited, Parimukh Innovation Pvt. Ltd, Tricho Agronica Pvt Ltd, Haleste in Food labs LLP, HYFN Games Pvt Ltd, Aarkaya Solar Solutions Pvt. Ltd, all of which are currently operational and collectively employ over 100 individuals MRIIRS' commitment to SDG 9 reflects its dedication to fostering innovation, supporting industry advancements, and ensuring the development of resilient infrastructure for sustainable growth and progress.

For comprehensive details, kindly refer to the webpage pertaining to SDG 9:
<https://mriirs.edu.in/sdg09-industry-innovation-and-infrastructure/>

11. MRIIRS' Commitment to SDG 10 (Reduced Inequalities): Empowering Communities

Manav Rachna International Institute of Research and Studies (MRIIRS), committed to the principles of the United Nations Sustainable Development Goals (SDGs), recognize the urgent need to address inequalities within and among our university community and in the broader global context.

Our Equality, diversity and Inclusiveness (EDI) policy underscores our commitment towards SDG 10 Reduce Inequalities to provide equal opportunities, respecting diversity in all its forms, and fostering an inclusive environment where every member of our community feels valued and supported. To acknowledge that inequality exists in various forms, such as income, education, access to healthcare, gender, race, and social status, and we are deeply aware of its detrimental impact on social cohesion, economic growth, and overall well-being.

MRIIRS stands as a beacon of knowledge, innovation, and progress, and we recognize our responsibility to actively work towards reducing inequality. We pledge to uphold the following principles:

1. **Equity in Education:** We commit to providing equal opportunities for all, irrespective of their socio-economic backgrounds, to access quality education, ensuring that no one is left behind
2. **Inclusive Campus:** We strive to create an inclusive and diverse campus environment where individuals from all backgrounds feel welcomed, valued, and supported.
3. **Accessible Healthcare:** We are dedicated to promoting access to healthcare services and facilities for all members of our community, emphasizing the importance of good health for social development.
4. **Gender Equality:** We champion the rights and opportunities of all genders, working towards eliminating gender-based discrimination and promoting equal participation in all spheres of life.
5. **Social and Economic Inclusion:** We are committed to actively promoting economic opportunities, social inclusion, and employment opportunities for marginalized and disadvantaged groups within our community.
6. **Global Partnerships:** We acknowledge that addressing inequality is a global challenge. We will collaborate with partners, organizations, and governments, both locally and internationally, to advance our commitment to reduce inequality.

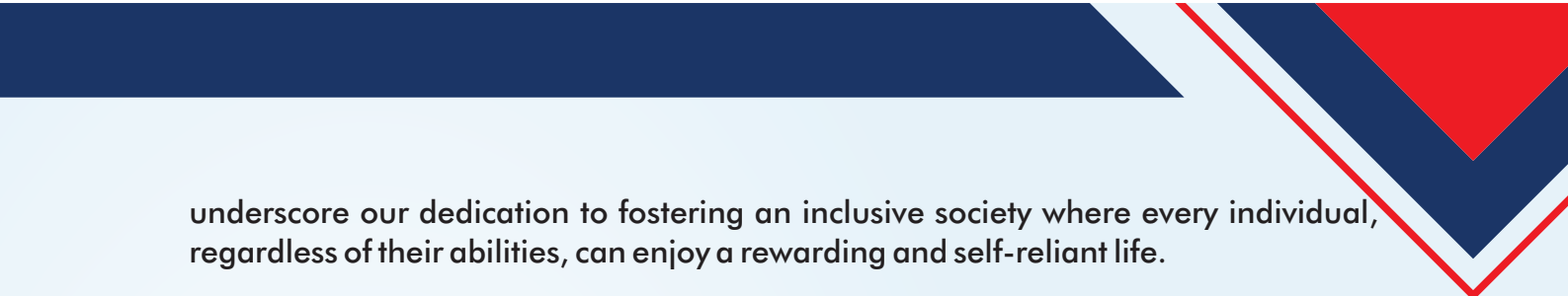
MRIIRS EDI Policy strongly adhere to integral components such as anti-discrimination and anti-harassment. The policy promotes an environment of respect and fairness for all members of our community, irrespective of their background, identity, or affiliation. We firmly denounce any form of discrimination or harassment, based on race, gender, religion, sexual orientation, or any other characteristic. Our institution is dedicated to upholding the principles of equal opportunity, providing a safe and inclusive atmosphere where all individuals can thrive, contribute, and learn without fear of bias or mistreatment. Through proactive measures, awareness campaigns, and clear reporting mechanisms, MRIIRS strives to create a campus that is truly diverse, equitable, and free from all forms of discrimination and harassment.

In accordance with our Equity, Diversity, and Inclusion (EDI) policy at Manav Rachna International Institute of Research and Studies (MRIIRS), our admission processes are designed to be fair, transparent, and inclusive. We are committed to ensuring that the admissions criteria and procedures are free from any form of discrimination, providing equal opportunities for individuals from diverse backgrounds to access our educational programs. We actively promote outreach to underrepresented and marginalized communities, and we offer support services and accommodations to ensure that all applicants, including those with disabilities, have an equitable chance to pursue their educational aspirations at MRIIRS.

Manav Rachna International Institute of Research and Studies (MRIIRS) has dedicated Disability Support Office to cater an inclusive and accessible educational environment for students with disabilities. Committed to ensuring that all students have equal opportunities to excel, the office provides a range of support services, including academic accommodations, assistive technology, and personalized assistance to meet the unique needs of each individual. Their mission is to empower students with disabilities to thrive academically and socially, promoting diversity and inclusivity throughout the MRIIRS campus.

An extensive variety of automated equipment is readily available to enhance the autonomy and convenience of people with disabilities. These specialized devices are crafted with innovation and inclusivity at the forefront, addressing a wide range of needs and elevating the quality of life for individuals with disabilities. Mobility aids, such as wheelchairs and golf carts, offer enhanced freedom of movement, enabling individuals to effortlessly navigate their surroundings. Assistive technology tools like screen readers, voice recognition software, and adaptive keyboards empower those with visual or motor impairments to effectively access and engage with digital technology. These advancements in mechanized equipment





underscore our dedication to fostering an inclusive society where every individual, regardless of their abilities, can enjoy a rewarding and self-reliant life.

MRIIRS prioritizes inclusivity and accessibility for all individuals, including those with disabilities. University has established a welcoming and barrier-free environment throughout the University campus. There is dedicated Disability Support Office, which plays a vital role in ensuring that University not only meet legal requirements but also fulfill the broader mission of creating a place where every student can excel, regardless of their unique needs or abilities.

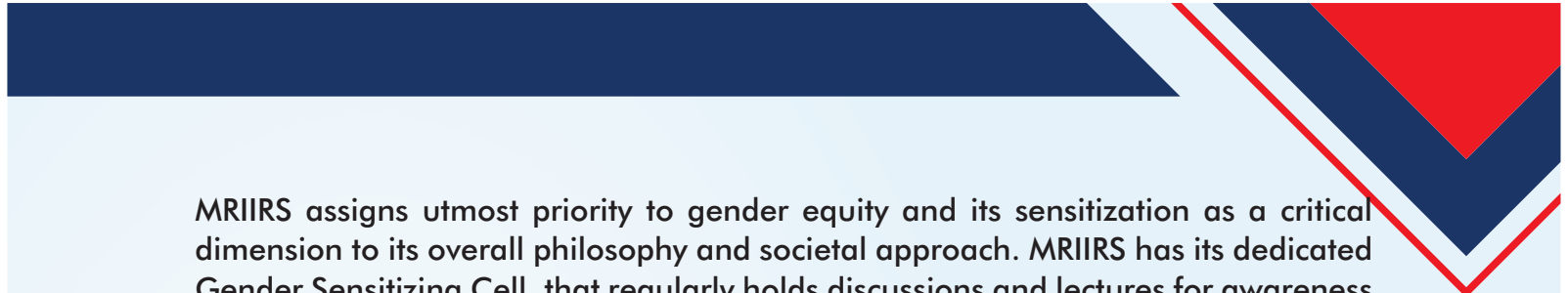
Within the campus, various accessibility features, such as ramps, lifts, tactile paths, well-placed lighting, informative display boards, and clear signposts are available. Additionally, University facilitates accessible website that accommodates individuals with different abilities, including compatibility with screen-reading software. Moreover, we provide essential resources like readers and scribes, as well as digital copies of reading materials to support the students.

At MRIIRS, human assistance is readily available in all our campus blocks, ensuring that anyone who requires information or assistance can easily access it. We are committed to fostering an inclusive environment where diversity is celebrated, and everyone has the opportunity to thrive.

Students with learning disabilities may struggle to acquire knowledge through traditional teaching learning methodologies. MRIIRS understands their need of special attention and provides required support through counselling sessions in the Human Lab, in terms of remedial classes, bridge courses, mentor-mentee counselling sessions, Yoga Sessions etc. These facilities provide equitable opportunities and support to ensure that individuals with disabilities can participate fully in various aspects of life, including education, employment, and community engagement. These schemes often involve mentoring and targeted support programmes to empower individuals with disabilities.

Student Mentorship at MRIIRS: Student mentoring, counseling and guidance are three vital inputs for an efficacious student support process. The students need this support to overcome their personal, social and academic problems which impede their studies.

The students often face pressure after joining the professional courses. These may be of a varied nature, which may be academic, personal, or career related. At times, due to these anxieties, they feel stressed and this may impede the progress of their pursuit. There are cross-cultural, ethnic disparities, increasing academic competition, peer pressure, exertions from parents, unique teenage problems, mounting career demands and aspirations among the student community. To enable students to stay firm while going through vexations of such stress factors, the university will have an independent but well-coordinated system for student support and mentoring



MRIIRS assigns utmost priority to gender equity and its sensitization as a critical dimension to its overall philosophy and societal approach. MRIIRS has its dedicated Gender Sensitizing Cell, that regularly holds discussions and lectures for awareness on gender issues and policies. It is a well accepted fact that the social order of our society is patriarchal in nature.

Despite education and progress made after the independence, the patriarchal value system prevails in every aspect of life. In order to create awareness, and mainstream gender equality, the university promotes communication, awareness, opportunities, practices and philosophies that creates equality and equity of genders a priority. Right from the beginning of the academic session, as a part of the orientation program, the new students are made aware of the various gender sensitization programs and encouraged to participate in promoting gender inclusivity and equality. At the department level, there are courses offered on gender, regular discussions, lectures, programs and activities that facilitate the gender awareness and inclusivity. Annually the celebration of International Women's Day in March, the Queer month (June) is a regular fixed feature of the university.

University believes in the creation of a barrier-free, inclusive environment that is right based, values diversity, is free from unlawful discrimination or harassment and ensures equality of opportunity, dignity and respect for all irrespective, of his or her disabilities / disadvantage / special needs and challenges. The University is committed to extend all the necessary facilities to make the campus barrier free and accessible for Specially abled students. All the details shall be made available in the form Guide/Handbook for Specially abled Students.

Manav Rachna holds the responsibility to demonstrate inclusivity among students, employees and staff by providing an opportunity to display and share their own culture by enhancing representation of all communities. The university is committed to treat everyone fairly and allowing the same opportunities to all regardless of gender, race, religion, sexual orientation, culture or background.

For comprehensive details, kindly refer to the web page pertaining to SDG10 : <https://mriirs.edu.in/sdg10-reduced-inequalities/>

12. MRIIRS' Commitment to SDG 11 (Sustainable Cities and Communities): Empowering Communities

Manav Rachna International Institute of Research and Studies (MRIIRS) is dedicated to supporting Sustainable Development Goal 11, which aims to make cities and human settlements inclusive, safe, resilient, and sustainable. MRIIRS works tirelessly to create an environment where students and researchers can address urbanization challenges, promote sustainable infrastructure, and foster innovation in urban planning. By offering programs in architecture, urban and regional planning, and

environmental science, and by engaging in community outreach initiatives, MRIIRS contributes to the development of smart and sustainable cities, ultimately striving to enhance the quality of life for current and future generations.

MRIIRS have well established Departments in Civil Engineering and Architecture & Design that actively contribute to the fulfillment of Sustainable Cities and Communities. These programs are designed to empower students with the knowledge, skills, and values needed to create resilient and inclusive urban spaces. MRIIRS actively engages in a range of initiatives aimed at promoting sustainable urban living. The institution prioritizes projects that focus on urban planning, infrastructure development, and resource management. Initiatives are designed to create cities that are environmentally friendly, resilient to challenges, and accessible to all.


The curriculum is designed to equip students with the knowledge and skills needed to address environmental, social, and economic aspects of sustainability in the built environment. Students learn about green building practices, energy-efficient design, materials with reduced environmental impact, and sustainable construction techniques. They are also encouraged to explore innovative solutions that promote resource conservation, resilience, and inclusivity in urban development. The internships and projects included in the curriculum help them to learn



through real time applications. Students are also given exposure to gain knowledge through industrial visits, awareness camps, workshops/Trainings and seminars arranged by renowned academicians or Industry Personnel.

Moreover, MRIIRS emphasizes the importance of community inclusivity and safety. The institute actively participates in projects that aim to create communities where all individuals, irrespective of background, have access to quality housing, infrastructure, transportation, and green spaces.

Furthermore, the complete MRIIRS campus is beautifully planned in a manner to make best use of the geographical contours on the slope of an Aravalli Hill. The ambience adds to the learning needs of both students and faculty members. The lush green campus is conducive to providing a mechanism to release the pressure created by the rigors of academia, for venting out the study pressure of students through various sports, cultural, refreshment kiosks / food-junctions etc. These facilities are distributed throughout a lush green and landscaped and secured campus.



As part of SDG 11 recognizes the importance of preserving cultural and natural heritage in cities and human settlements. Protecting historical sites, traditional crafts, and cultural diversity contributes to the identity and character of cities while promoting tourism and economic development. MRIIRS has well established Art Gallery and Museums, to facilitate the students and faculty member. SDG 11 recognizes the importance of preserving cultural and natural heritage in cities and human settlements. Protecting historical sites, traditional crafts, and cultural diversity contributes to the identity and character of cities while promoting tourism and economic development.

The institution's commitment to SDG 11 signifies its dedication to fostering sustainable cities and communities that prioritize inclusivity, safety, resilience, and sustainability. MRIIRS continues to champion efforts that contribute to building cities and communities that are environmentally conscious and inclusive for all.

For comprehensive details, kindly refer to the web page pertaining to SDG11 : <https://mriirs.edu.in/sdg-11-sustainable-cities-and-communities/>

13. MRIIRS' Commitment to SDG 12 (Responsible Consumption and Production): Empowering Communities

Manav Rachna International Institute of Research and Studies (MRIIRS) has implemented various tactics and programs to ensure the efficient utilization of existing resources. This includes the establishment of a policy for the safe disposal of e-waste to handle hazardous materials appropriately. Additionally, the institution is committed to a zero-plastic policy and encourages its staff and students to collect used plastic items at their homes and deposit them at the University for proper disposal.

Manav Rachna International Institute of Research and Studies (MRIIRS) has established a significant tie-up with Koscove E-waste Pvt. Ltd. to address the pressing global concern of electronic waste, aligning with Sustainable Development Goal 12 (SDG 12) - Responsible Consumption and Production. This collaboration exemplifies MRIIRS's dedication to promoting sustainable practices and reducing the environmental impact of e-waste.

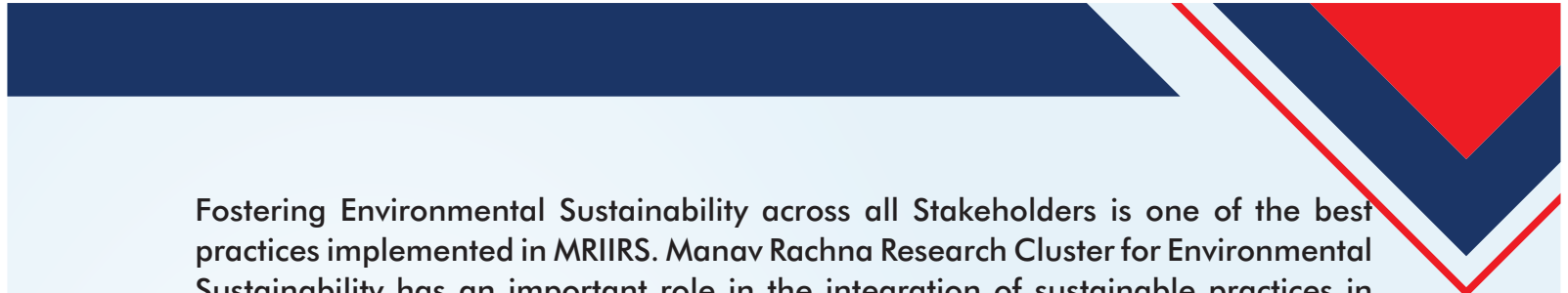
Through this partnership, MRIIRS ensures that all electronic waste generated on its campus is collected, processed, and recycled in an environmentally responsible manner. The institution not only disposes of e-waste safely but also actively contributes to resource conservation by recycling valuable materials from electronic devices. By addressing e-waste in a sustainable manner, MRIIRS makes a tangible contribution to SDG 12's objectives of responsible consumption and production, ultimately reducing environmental pollution and promoting a more sustainable and circular economy. This initiative at MRIIRS serves as a model for other educational

Manav Rachna International Institute of Research and Studies (MRIIRS) actively conducts various activities /Awareness sessions on Responsible Consumption and Production. Our commitment revolves around promoting responsible and sustainable patterns of consumption and production.

14. MRIIRS' Commitment to SDG 13 (Climate Action): Empowering Communities

A collage of 12 photographs showing various activities from the POP India Talks event. The images include group photos of participants, speakers at podiums, award presentations, and a large audience. The text "#POPIndiaTalks" is overlaid in large yellow font across the center of the collage.

| 29 |



Fostering Environmental Sustainability across all Stakeholders is one of the best practices implemented in MRIIRS. Manav Rachna Research Cluster for Environmental Sustainability has an important role in the integration of sustainable practices in academics and research. This cluster forms a pool of faculty members, scholars and professionals from the field of environmental chemistry, hydrology, hydrogeology, hydrochemistry, civil engineering, mathematics, eco-hydrology and environment management. Under this cluster following units have been established:

1. Manav Rachna Centre for Advance Water Technology & Management (MRCATM)
2. Sustainable Chemistry Centre (SCC)

Further, Manav Rachna International Institute of Research and Studies has also committed in line with the goal of our Prime Minister Hon'ble Narendra Modi Ji to achieve net zero carbon by 2070 from all greenhouse gas emissions sources, as defined by the World Resources Institute Greenhouse Gas Protocol (GHG Protocol). This commitment is supported by a target to reduce gross Scope 1 and 2 emissions by 60-65% by 2045.

Manav Rachna International Institute of Research and Studies (MRIIRS) demonstrates a steadfast commitment to environmental responsibility through its rigorous environmental management system. The institution places a strong emphasis on sustainability, and as part of its dedication to this cause, it regularly undergoes surveillance audits for its Environment Management System (EMS). The EMS of MRIIRS adheres to the ISO 14001:2015 standard, which is a globally recognized benchmark for environmental management practices. This system has been ISO 14001:2015 certified by KVQA Certification Services Private Limited since July 4, 2022.

The ISO 14001:2015 certification reflects MRIIRS's proactive efforts to minimize its environmental impact, ensure compliance with relevant environmental regulations, and continually improve its environmental performance. These regular surveillance audits serve as a testament to the institution's commitment to sustainable practices and its ongoing dedication to reducing its carbon footprint. MRIIRS stands as a shining example of an educational institution that not only imparts knowledge but also actively implements and upholds eco-friendly principles in its day-to-day operations.

Additionally, Manav Rachna International Institute of Research and Studies (MRIIRS) actively conducts various activities /Awareness sessions on Climate action.

For comprehensive details, kindly refer to the webpage pertaining to SDG 13 : <https://mriirs.edu.in/sdg13-climate-action/>

15. MRIIRS' Commitment to SDG 14 (Life below Water): Empowering Communities

MRIIRS actively engages in educational and awareness programs, enlightening communities about the significance of ocean conservation. By fostering partnerships and collaborations with local communities, governmental bodies, and international organizations, MRIIR works collectively to implement measures that ensure the responsible use and protection of marine environments.

The institute exemplifies its dedication through practical applications and solutions. Their innovative technologies and projects done students aim to reduce marine pollution, and mitigate the adverse effects of human activities on the oceans. MRIIRS is having in place green policy for campus that incorporates policy for reuse and recycle of water and is revised time to time. The Water Conservation and Management Section of the Green Policy that highlights the emphasis on water recycling and water re-usage is reiterated as follows:

“MRIIRS realizes that water is a valuable resource and all possible measures should be taken for its conservation. There should be discipline on water usage, and consumption of water should be economized. Water is to be recycled and reused as much as possible aiming towards zero discharge. Drought tolerant plants should be preferred as far as possible in plant landscaping to minimize the water use.

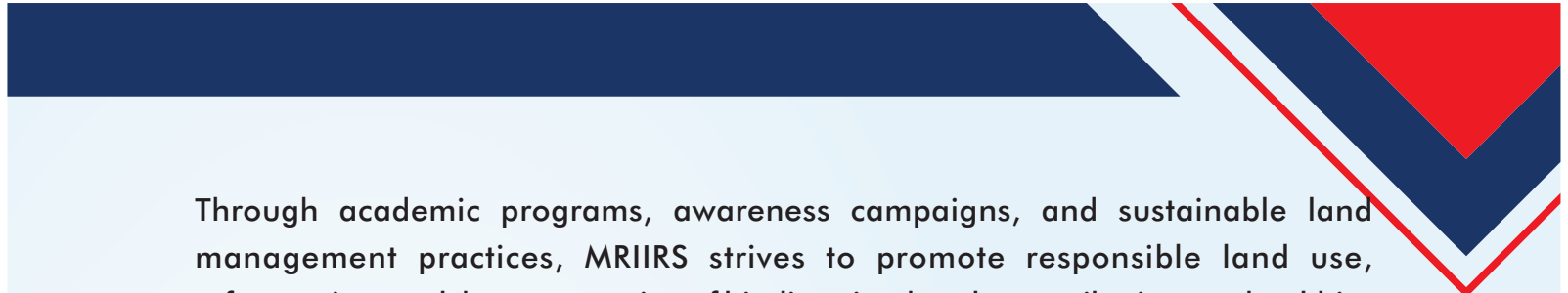
MRIIRS generates monthly Av 297.8kL water through STP (3574 kL per Annum) which is 7.71 kL/day. This reclaimed water is used for horticulture and toilet flushing. It not only saves precious groundwater but also reduce energy consumption in extracting groundwater from aquifer. So, as it helps in conserving groundwater resource. Thus, recycling of water is reducing carbon foot print of the campus. MRIIRS has also installed rain water harvesting system in the campus.

Through their holistic approach, which integrates research, education, and practical solutions, they contribute significantly to the global effort of ensuring the sustainable management of Life below Water.

For comprehensive details, kindly refer to the webpage pertaining to SDG 14 : <https://mriirs.edu.in/sdg-14-life-below-water/>

16. MRIIRS' Commitment to SDG 15 (Life on Land): Empowering Communities

Manav Rachna International Institute of Research and Studies (MRIIRS) is committed to advancing Sustainable Development Goal 15 -Life on Land. Recognizing the importance of preserving terrestrial ecosystems, MRIIRS actively engages in education, research, and community outreach initiatives to address the challenges posed by land degradation, deforestation, and biodiversity loss.



Through academic programs, awareness campaigns, and sustainable land management practices, MRIIRS strives to promote responsible land use, reforestation, and the conservation of biodiversity, thereby contributing to a healthier and more sustainable planet for current and future generations.

MRIIRS is committed to promote sustainable development goal (SDG) 15, which focuses on Life on Land. The goal encourages students to explore the intricate relationships between terrestrial ecosystems and human society, emphasizing the need for responsible land use, biodiversity conservation, and reforestation efforts. By integrating SDG 15 into the curriculum in the form Core and elective Courses such as Environmental studies, Green energy sources etc, MRIIRS can equip its students with the knowledge and skills to address pressing environmental challenges, instilling a sense of responsibility and ethical stewardship for the planet. Engaging in practical projects, field studies, and awareness campaigns can empower students to take active roles in preserving the Earth's terrestrial life, thereby contributing to a more sustainable and ecologically balanced future.

Faculty members and students' scholarly contributions encompass a wide range of topics, including land restoration, ecosystem preservation, wildlife conservation, and sustainable forestry practices. Through their research publications and projects undertaken, MRIIRS faculty members and students aim to provide valuable insights and practical solutions for the sustainable management of terrestrial ecosystems.

At MRIIRS, we believe in the importance of sustainability and environmental conservation. Our curriculum includes subjects that integrate the principles of SDG 15. Students learn about terrestrial ecosystems, biodiversity, and sustainable land management, fostering a deep appreciation for the natural world through core and open electives such as Environmental Sciences, Green energy Resources, Disaster Management etc.

MRIIRS hosts various awareness camps, seminars and workshops featuring experts in biodiversity conservation and sustainable land management. These events provide students with insights into current conservation strategies and the opportunity to engage with professionals in the field.

For comprehensive details, kindly refer to the webpage pertaining to SDG 15: <https://mriirs.edu.in/sdg-15-life-on-land/>

17. MRIIRS' Commitment to SDG 16 (Peace, Justice, and Strong Institutions): Empowering Communities

Manav Rachna International Institute of Research and Studies-MRIIRS is dedicated to advancing Sustainable Development Goal 16– "Peace, Justice, and Strong Institutions." We believe that education plays a vital role in nurturing the values of peace, justice, and effective governance. Our commitment extends to fostering a culture of ethics, accountability, and inclusivity within our institution, thereby contributing to the broader goal of building strong societies. Through our academic programs, research, and community engagement, MRIIRS strives to empower individuals with the knowledge and skills needed to promote peaceful coexistence and ensure equitable access to justice, reinforcing our commitment to SDG 16.

- **Procedure for formation of Students Council**

MRIIRS believes in maintaining transparency and democracy in the system for welfare of its students as a paramount priority. A functioning Student Council exists at MRIIRS with the goal of promoting leadership, cultural values, and camaraderie.

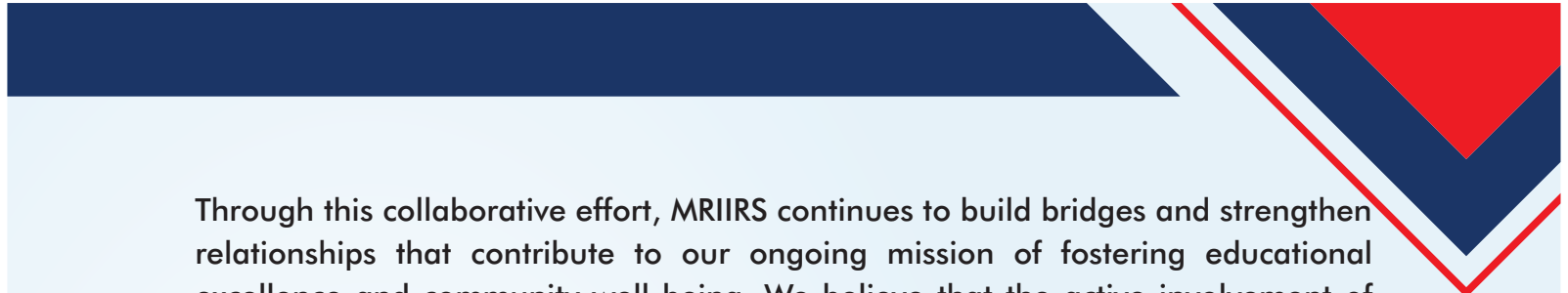
The Council also seeks to mentor students in becoming responsible and contributing citizens of society, as well as to support the University's educational and administrative goals in order to enhance and address various aspects of the entire spectrum of student aspirations.

The office of Dean Students' Welfare shall request all the Head of Departments to nominate the students of their respective departments to the office of Dean Student Welfare with its recommendations for selection of the Students Council every year. After receiving the nominations, the Dean Student Welfare in consultation with the following and based on the recommendations of respective HODs shall further recommend the constitution of student council for the year to the office of Vice-Chancellor for its approval.

Manav Rachna International Institute of Research and Studies (MRIIRS) is proud to be a community-driven institution. In our commitment to transparency, inclusivity, and the pursuit of excellence, we actively involve stakeholders in our decision-making processes.

This includes local residents, local government officials, and civil society representatives who actively participate in various committees such as the Board of Studies (BOS), Academic Council, and the Internal Quality Assurance Cell (IQAC).

Stakeholder engagement encompasses a diverse group of participants, including academicians, industry professionals or employers, parents and alumni. These stakeholders play active roles in curriculum development and provide valuable input through feedback committees that focus on both academic programs and life at campus.



Through this collaborative effort, MRIIRS continues to build bridges and strengthen relationships that contribute to our ongoing mission of fostering educational excellence and community well-being. We believe that the active involvement of stakeholders is pivotal in shaping the future of our institution and the positive impact it has on the world around us.

Manav Rachna International Institute of Research and Studies (MRIIRS) is dedicated to the principles of integrity, transparency, and ethical conduct. In our commitment to fostering an environment of trust and accountability, we proudly introduce our Policy on Anti-Corruption and Anti-Bribery. This policy reflects our unwavering stance against any form of corruption and bribery within our institution, upholding the highest standards of ethical behavior.

The purpose of this policy is to prevent corruption and bribery within MRIIRS, promoting a culture of honesty and fairness. This Policy helps in establishing clear guidelines for all members of the MRIIRS community, including students, faculty, staff, and management, regarding the prohibition of corruption and bribery. It also ensures that MRIIRS complies with all applicable laws and international standards related to anti-corruption and anti-bribery.

In today's ever-evolving educational landscape, academic freedom remains a cornerstone of higher education institutions. Nurturing academic freedom at MRIIRS is a fundamental principle that ensures a vibrant and intellectually stimulating environment for students, faculty, and researchers. University have also strives for meeting the growing expectations of all stakeholders viz; students, parents, alumni, faculty members and employers in tune with the ever-changing demands of workplace.

- **Through various educational strategies, MRIIRS seeks to contribute to this goal:**

1. **Student-Centric Pedagogy:** MRIIRS employs a student-centered teaching approach, prioritizing the development of individuals with the knowledge and skills necessary for them to become ethical and competent professionals.
2. **Experiential and Problem-Solving Learning:** The university's teaching methodology incorporates experiential and problem-solving learning techniques, fostering critical thinking, decision-making, and analytical skills that are essential for building peaceful society.
3. **Learner-Centric Curriculum:** MRIIRS has structured its curriculum to ensure excellence in teaching and learning, providing a learner-centric education. This approach promotes inclusivity and equal access to quality education, contributing to the development of a society.

4. Industry-Oriented Education: The curriculum focuses on incorporating theory and practical lab courses, equipping students with industry-relevant knowledge and skills. This approach contributes to build strong institutions and fostering innovation.

5. Internships and Field Experience: MRIIRS mandates institutional and industrial internships, along with regular industry and field visits. These experiences enhance students' understanding of real-world challenges and promote a sense of responsibility and a commitment to addressing social and global issues.

6. Diverse Teaching Methods: The university believes in 'Multiple Intelligence' pedagogy and diverse teaching and learning methods which focus on promoting inclusivity, diversity, and access to education.

7. Manav Rachna Innovation and Incubation Centre (MRIIC) supports students in realizing innovative projects, leading to patents and research publications.

8. Participative Learning: MRIIRS incorporates various participative learning activities, including debates, presentations, and group discussions. Such activities encourage open dialogue and the exchange of ideas by the students.

9. Online Collaborative Learning: By encouraging students to enroll in Massive Open Online Courses (MOOCs) and online learning platforms, MRIIRS facilitates access to education and knowledge sharing, has freedom to pursue their studies in their field of interest. Students are encouraged to enrol for MOOCs for ICT based collaborative learning (Active NPTEL local chapter is well in place). A student can also earn credits through online learning platforms like SWAYAM, NPTEL, Coursera, IIRS-ISRO, Udemy etc.

10. मनोवृत्ति Counselling and Wellness Centre by the Department of Applied Psychology is a hub that provides guidance and counselling support to MRIIRS family. The centre works keeping in mind the realities of life and the challenges faced by students, faculty and staff. The centre provides various services to support and enhance their psychological well-being, some of the services are as below

- a) Individual and group Counselling
- b) Psychological Testing
- c) Career exploration and counselling
- d) Hypnotherapy
- e) Consultation services for family members and faculty with regard to particular students, within the boundary of confidentiality.

For comprehensive details, kindly refer to the webpage pertaining to SDG 16: <https://mriirs.edu.in/sdg-16-peace-justice-and-strong-institutions/>

18. MRIIRS' Commitment to SDG 17 (Partnerships for the goals): Empowering Communities

A salient statement in the Vision and Mission of MRIIRS has been to train its students in the backdrop of Indian ethos and values to enable their transformation into insightful, honorable, and responsible citizens of India, who work and dedicate themselves for the advancement of humanity. Since its inception, MRIIRS has rendered extension services to the people of Faridabad District and adjoining areas, which has brought about seminal changes on many fronts. With a great emphasis on the values of humility and gratitude, the students and faculty members have taken up the cudgels for societal upliftment of the general population of Faridabad district and contiguous areas through its ISR initiatives. The ISR arm of MRIIRS, Dr O P Bhalla Foundation, operates with the objectives to carry forward philanthropic and development activities in various fields like education, sustainable development, environment protection, women empowerment and gender equality, health and wellbeing, geriatric health care, empowering weaker sections of society and reviving our rich cultural heritage. Serving the nation through efforts in inclusive growth, societal development, and diversity conservation, the students, and staff of MRIIRS have endeavored with great alacrity and commitment.

University has created partnerships with the state and national government, regional non-government organizations with the aim of addressing the objectives of SDG Challenges and Policy Making, and its grass root monitoring evaluation and reporting through local level interventions for enabling adaptive management practices pertaining to SDGs. University is working on water security management, water governance, conservation and other associated SDGs related Clean Water and Sanitation (SDG6). Other projects on Water Research, Good Health and Well Being, Sustainable Farming, EkMuthiDaan (No one Sleeps Hunger), Gender Equity etc. have been indicated in the evidences and all initiatives taken by the university are also publicly available on our website. Additionally, as a part of the activities of the Centre for Peace and Sustainability, tie ups with NGOs, Social Engagements, Extension Activities and Outreach Programs have been created focusing on SDG 1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16.

To evidence the same MRIIRS has awarded for the longest nonstop live radio show on sustainability was set by Radio Manav Rachna 107.8 FM at the Manav Rachna Educational Institutions, Faridabad, wherein 5 RJs conducted the 150 hours show. Radio Manav Rachna 107.8 FM has set a remarkable milestone in the world of community radio. The radio station is spreading happiness with its new records and milestone achievements. It recently celebrated its 15th Foundation Day with the announcement of the longest non-stop live radio show on sustainability that got recognition from the Asia Book of Records and the India Book of Records. The 150-hour live programming showcased the station's commitment to delivering exceptional programmes and engagement with the community.

<https://indiabookofrecords.in/a-marathon-radio-broadcast/>
<https://www.youtube.com/watch?v=LbgVPIBWxwU>

For comprehensive details, kindly refer to the webpage pertaining to SDG 17: <https://mriirs.edu.in/sdg17-partnerships-for-the-goals/>





Manav Rachna International Institute of Research and Studies
(Deemed to be University under section 3 of the UGC Act,1956)

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