

Report On

Sustainable Development Goal -3

Good Health and Well-Being

Sustainable Development Goal 3 aims to achieve universal health coverage while ensuring healthy lives and promoting well-being at all ages. With 13 Targets and 28 Indicators for SDG 3, universities have a significant role in addressing specific health conditions and promoting well-being for prosperous societies.

At Amity University Madhya Pradesh (AUMP), we have invested in addressing various indicators of SDG-3 through teaching, research, institutional practices and partnerships.

Teaching and Learning: The University offers many undergraduate courses at the Department of Biotechnology, Department of Behavioral and Allied Sciences, Department of Pharmacy and Department of Life Sciences to deal with the infectious diseases, concepts of disease dynamics, Mental and Behavioral Health, parasite diversity, evolution & ecology of infectious diseases besides emergence of diseases.

Research: At AUMP, many faculty and researchers are working on path-breaking research on drug design, bioinformatics, and disease dynamics. Here we highlight some exciting research projects by the faculty.

Research Projects Completed:

S. No.	Principal Investigator	Title of the Project	Rs. in Lacs of Project	Funding Agency
1	Dr. Rajesh Singh Tomar Dr. Vikas Shrivastava	Bio-assisted synthesis of high potential nanoparticles and their antimicrobial efficacy evaluation against wound associated pathogens with special reference to Gwalior region.	7.95	MPCST, Bhopal
2	Dr. Naveen Sharma	Biotechnological Approaches for Camptothecin Analogs Production from Cell Culture of Nothapoytes	9.53	MPCST, Bhopal

		Nimmoniana: An Anticancer Medicinal Plant		
3	Dr. Neeraj Mishra	Dual functional colon - Targeted tofacitinib and probiotics loaded microparticles for the treatment of inflammatory bowel disease	3.20	MPCST, Bhopal
4	PI: Dr. Shikha Agrawal, Associate Professor, Dept. of CSE, UIT-RGPV, Bhopal Dr. Manish Gupta, CO-PI, Assistant Professor-III, Dept. of CSE, ASET-AUMP	An Intelligent fast and secure extended visual cryptography technique using two level security for medical images	No Fund to AUMP	MPCST, Bhopal

University Operations: At AUMP, we believe that health both Mental & Physical with well-being are essential to academic, professional, and personal success. We have put in place many essential health and support services. Deliver regular workshops to train students and staff. And also provide necessary education and training for our support staff.

Health and Wellness: The University has a dedicated doctor, paramedic staff and visiting doctors. It provides physical and mental health support through a primary health care setup. 24x7 nursing staff & an ambulance is available for students and staff in case of emergency medical assistance. All members of the University can avail themselves of these services and book appointments through a well-defined process. In addition, we have a committed team of doctors (general physicians), clinical counselors, and visiting psychiatrists to provide a safe, welcoming, and affirming environment for all students while supporting and enhancing all students' psychosocial well-being and development

Health and wellbeing through knowledge and awareness programmes:

Amity University Madhya Pradesh conducted the health and wellbeing awareness and knowledge programs for faculty members, staff and students to reduce incidence of communicable diseases and for better mental health. University being followed appropriate measures and best practices for post Covid-19 pandemic era.

Medical insurance: All students and staff are eligible to avail medical insurance policy covering medical issues requiring hospitalization beyond the on-campus service. University provides coverage under Group Medical Health (GMC) insurance and Group Accidental Coverage (GPA) to all students.

Help is here: The Student Wellness Centre is the go-to hub for counselling, education and many other supports for students. There are two units of NSS in Amity University Madhya Pradesh. There are 100 students in each unit. Social work is done by NSS from time to time. Various villages adopted by the NSS and conducted motivational and awareness programs through camp for education, LPG, hygiene and cleanliness, use of Bio toilets.

Outreach Social Activities for Health and Wellbeing

Amity University Madhya Pradesh has taken strong community initiatives in India major project Swachh Bharat Abhiyan. The University staff & Students contribution can be seen in Outreach collaborative program, which helps those peoples and displaced citizen who are marginally housed, homeless or at risk of homelessness; and the outreach initiative Amity University Madhya Pradesh Students & Staff members delivers programming for young people aged seven to 14 through free lectures from professors and workshops facilitated by students.

Free Blood Glucose Test & Health awareness Camp at NSS Adopted Village Chakraipur:

National Service Scheme Unit of Amity University organized a 'Free Blood Glucose Monitoring & Health awareness Camp at NSS Adopted Village Chakraipur. The camp was organized on 3.6.2022 in the Anganwadi center of Chakraipur. Amity University Madhya Pradesh, Gwalior.

During the camp, fasting blood sugar, post-prandial blood sugar and random blood sugar were tested free of cost. The beneficiaries whose blood sugar was found to be disordered, necessary advice and information were provided under the guidance of Program officer, National Service Scheme, AUMP Dr. Rachna Kathal. The contact details of such cases have been maintained for regular follow up.



Blood Glucose Test Camp at NSS adopted village Chakraipur on 3.6.2022

Dengue and Malaria Awareness and Training Program (4th November 2022)

Amity University Madhya Pradesh organized Awareness and Training Program on “Dengue and Malaria: Spread & Control Measures”. The training program was organized for 200 volunteers of the two regular units of National Service Scheme (NSS) of AUMP for the session 2022-23. The training program was organized with the objective of enhancing the knowledge of the volunteers in respect of the seasonal waterborne diseases Dengue and Malaria.

The Training program was inaugurated with the opening remarks of Chairman, NSS, Major Gen. Dr. S. C. Jain, VSM**. He described the importance of awareness about various seasonal and sporadic diseases for a social volunteer to perform their social service duties. Mr Vijay Mishra, Regional Coordinator, EMBED Program (Elimination of Mosquito Borne Endemic Diseases) and Mr. Rajesh Verma, Consultant, District Vector Borne Disease Control Program, GOI, provided elaborate insight into types of mosquitoes borne diseases, modes of their spread, modes of prevention and control of Dengue, Malaria and related threats. The program was attended by 180 NSS volunteers from the various schools of AUMP, dignitaries, HoIs, HoDs and NSS committee faculties of AUMP. The program positively met with the objective of inculcating the values of social concern, awareness, responsibility and connect with the felt needs of the society with the aim of preparing the NSS volunteers to spread awareness about keeping safe in the tough times of spread of mosquito borne Dengue & Malaria diseases.

Mr Vijay Mishra, Regional Coordinator, EMBED Program addressing the dignitaries and NSS Volunteers



AUMP also organized the deaddiction camp for awareness and told all the villagers about the harm caused by smoking, tobacco, gutkha, paan masala, and liquor. Through the camp university also informed about the benefits of quitting the habit of intoxicants.

University organized the camp for Swachh Bharat Abhiyan for the people residing in the DD Nagar Gwalior and provided the necessary precautionary step for Malaria and Dengue prevention. NSS also organized the health care camp for peoples residing in the village of kishan pura, Malanpur, Bhind.

Indoor and Outdoor Sports facilities for well-being: Sports and games are important for all-round development and are an important part of our routine. Moreover, along with routine education, they help to shape our personalities. Also, they keep our bodies strong, healthy, and fit. They give us a change from the same old routine and relax our mind and body. Moreover, they are important because they are a useful means of entertainment as well to do physical activity. Furthermore, they build character and give a huge amount of energy and strength. Amity University Madhya Pradesh has a uniquely designed, state-of-the-art Indoor Sports and Outdoor sports facilities for students, which include fully equipped unisex fitness center (Gym) with high-end cardio machines, weight stations, strengthening equipment. Regular yoga and meditation sessions are organized at the meditation and yoga hall. The University offers indoor and outdoor sports facilities: cricket, basketball, badminton, tennis, football, billiards, etc

