



AMITY
UNIVERSITY
HARYANA

NAAC 'A'
GRADE
ACCREDITED UNIVERSITY

REPORT ON SUSTAINABLE DEVELOPMENT GOAL

3 GOOD HEALTH
AND WELL-BEING



YEAR 2021-22



PREAMBLE

Ensuring healthy lives and encouraging wellbeing at all ages are the targets of Sustainable Development Goal 3 (SDG 3), which aspires to attain universal health coverage. Amity University Haryana is committed to improving the community's well-being and organizes social awareness programmes and community-serving events. The three institutes of the Faculty of Health & Allied Sciences-Amity Medical School, Amity College of Nursing, and Amity College of Pharmacy-as well as the two institutes of the Faculty of Science, Engineering & Technology-Amity Institute of Biotechnology and Amity School of Applied Sciences-offer a wide range of academic courses, research opportunities, and outreach initiatives in alignment with the SDG 3's goal- Good Health & Wellbeing. Our skilled paramedical workers apply their knowledge and dedication to improve the quality of care for patients, which makes them essential to the global healthcare system. For working healthcare professionals, the university provides courses in clinical research, public health, stem cell technology, and other subjects that are quite helpful for improving the health care system of the nation.

By recognizing the critical role played by paramedical professionals and the educational transformation that Amity University Haryana offers, we establish the groundwork for a healthcare system that is not only strong, but comprehensive, extending its beneficial impact throughout the world.

With the following initiatives, the university has made great progress towards SDG-3, Good Health, and Well-Being:

- Organizing events for outreach, education, research, and extension activities.
- Establishing partnerships at the local, national, and international levels within the Faculty of Health and Allied Sciences to enhance the success of medical and paramedical education, coordinating regular student-led events within the faculty.
- Designing the academic programme to foster students' professional development and equip them with industry-relevant knowledge and skills through an industry-integrated curriculum.



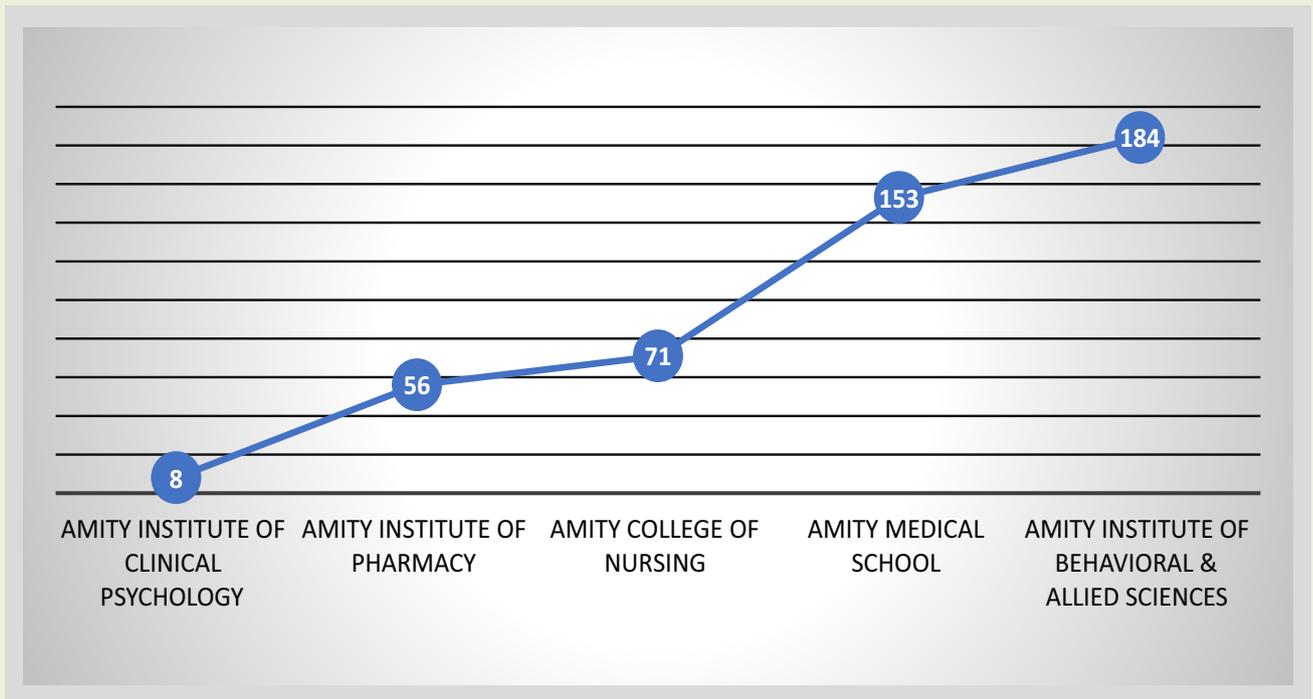
- Working with hospitals, corporations, NGOs, and wellness organisations to organise initiatives like blood donation camps and first-aid classes.

TEACHING AND LEARNING

University offers 30 programs in alignment with SDG3 mentioned below in table.

S.No	Programes	School/Institute
1	B.Sc. (Clinical Psychology)	Amity Institute of Behavioral & Allied Sciences
2	B.A. (Hons) - Applied Psychology	
3	M.A. (Applied Psychology)	
4	M.A. (Counselling Psychology)	
5	M.Sc. (Clinical Psychology)	
6	Master of Social Work	
7	M. Phil (Clinical Psychology)	Amity Institute of Clinical Psychology
8	B.Sc. (Hons) - Biotechnology	Amity Institute of Biotechnology
9	B.Tech (Biotechnology)	
10	M.Sc. (Biotechnology)	
11	M.Tech (Biotechnology)	
12	B.Sc. (Hons) Biological Science	
13	M.Sc. (Data Sciences)	
14	B. Sc Nursing	Amity College of Nursing
15	M. Sc Nursing	
16	Post Basic Nursing	
17	Bachelor of Pharmacy	Amity Institute of Pharmacy
18	Bachelor of Audiology & Speech Language Pathology#	Amity Medical School
19	Master of Hospital Administration (MHA)	
20	B.Sc. (Dietetics & Applied Nutrition)	
21	Master of Optometry	
22	Master of Optometry (M.Optom) Practitioner	
23	Bachelor of Optometry	
24	M.Sc. (Dietetics & Applied Nutrition)	
25	Master of Public Health	
26	M.Sc. (Clinical Research)	
27	B.Sc. (Medical Lab Technology)	
28	M.Sc. (Medical Lab Technology)	
29	B.Sc. in Molecular Medicine & Stem Cell Technology (MMSCT)	
30	M.Sc. in Molecular Medicine & Stem Cell Technology (MMSCT)	

NUMBER OF GRADUANDS IN 2021-22



Graphical representation of students graduated in 2021-22 with programs in alignment with SDG 3

RESEARCH CONTRIBUTION

Research holds a pivotal and substantial role within the healthcare system, furnishing critical data on risk factors, disease prevalence rates, trends, and the outcomes of public health initiatives. Research has always been given top priority at Amity University Haryana with the goal of providing creative and scientific answers to medical and social issues. High-Caliber research appears to be conducted in the Departments of

Nutrition, Optometry, Audiology, Speech Language Pathology, Nursing, Psychology, and Pharmacy, according to a number of research articles that have been published in Scopus and Web of Science journals. Additionally, students actively engage in community-based surveys as part of their dissertations or academic practices, all with the explicit aim of enhancing community health and fostering innovation.

a. Few of the high impact publications in alignment with SDG 3 are

S.No	Name of Author	Title of the Paper	Title of the Journal	Year	Impact Factor
1	Anuradha Kirtonia , Kavita Gala , Stina George Fernandes , Gouri Pandya1, Amit Kumar Pandey , Gautam Sethi ,Ekta Khattar, Manoj Garg	Repurposing of drugs: An attractive pharmacological strategy for cancer therapeutics	Seminars in Cancer Biology	2021	15.707
2	Pandya G., Kirtonia A., Singh A.,Pandey A.K., Kapoor S., Tandon S., Sethi G., Garg M	A comprehensive review of the multifaceted role of the microbiota in human pancreatic carcinoma	Seminars in Cancer Biology	2021	15.707
3	Vedagopuram Sreekanth, Animesh Kar, Sandeep Kumar, Sanjay Pal, Poonam Yadav, Yamini Sharma, Varsha Komalla, Harsh Sharma, Radhey Shyam, Ravi Datta Sharma, Arnab Mukhopadhyay, Sagar Sengupta, Ujjaini Dasgupta, Avinash Bajaj	Bile Acid Tethered Docetaxelbased Nanomicelles Mitigate Tumor Progression through Epigenetic Change	Angewandte Chemie	2020	15.3
4	Harrys Kishore,Charles Jacob, Rossana Signorelli, John Lalith Charles Richard, Tyler Kashuv, Shweta Lavania, Ashley Middleton, Beatriz Aguilar Gomez, Anthony Ferrantella, Haleh Amirian, Junyi Tao, Ayse Burcu Ergonul, Melinda Minucci Boone, Marco Hadisurya, Weiguo Andy Tao, Anton Iliuk, Manoj Kumar Kashyap, Monica Garcia-Buitrago, Rajinder Dawra & Ashok Kumar Saluja	Identification of Novel Early Pancreatic Cancer Biomarkers KIF5B and SFRP2 From "First contact" interactions in the Tumor Microenvironment	Journal of Experimental & Clinical Cancer Research	2022	12.65
5	Mishra C.B., Pandey P., Sharma R.D., Malik M.Z., Mongre R.K., Lynn A.M., Prasad R., Jeon R., Prakash A	Identifying the natural polyphenol catechin as a multi-targeted agent against SARS-CoV-2 for the plausible therapy of COVID-19: An integrated computational approach	Briefings in Bioinformatics	2021	11.6

b. Funded Projects with alignment to SDG 3



Project Title- "Fund for Improvement of S&T infrastructure in University and Higher Education Institution (FIST) Programme"

PI: Prof. Rajendra Prasad
Funding Agency: DST FIST
Sanctioned Amount: 16500000



Project Title- "Evaluation antimycobacterial potential of Unani drugs Qurs-e-Sartan Kafoori and Sharbat-eEjaz-A Mechanistic Approach"

PI: Dr. Zeeshan Fatima
Funding Agency: AYUSH
Sanctioned Amount: 4789970



Project Title- "Comprehensive Omics studies to understand the biology of drug resistant Mycobacterium tuberculosis clinical isolates from Arunachal Pradesh"

PI: Dr. Zeeshan Fatima
Funding Agency: DBT
Sanctioned Amount: 4228000



Project Title- "Study of in-depth genetic heterogeneity with respect to resistance and compensatory adaption of MDR Mtb clinically strains inside BM-Mesenchymal stem cells circulating in the North East Region"

PI: Prof. Rajendra Prasad
Funding Agency:
Prof. Rajendra Prasad
Sanctioned Amount: 5435992



Project Title- "Combating topical & medical device-related fungal infections using engineered Anti-fungal hydrogels"

PI : Prof. Rajendra Prasad & Dr. Ujjaini Dasgupta
Funding Agency: DBT
Sanctioned Amount: 8326400



Project Title- "Evaluation of the Nrf2 anti-oxidant response element (ARE) pathway as a promising target for alleviating chemoresistance in treatment of Acute Lymphoblastic Leukemia"

PI : Dr. Munindra Ruwali
Funding Agency: SERB-TARE
Sanctioned Amount: 1830000



Project Title- "Nanotechnology for Healthcare and Environment - Exploring New Horizons"

PI : Prof. Dr Atul Thakur
Funding Agency: FIST DST
Sanctioned Amount: 8400000



Project Title: "Identifying the role of P53 regulated long non-coding RNAs (LncRNAs) by Crispr/Cas9 in ovarian cancer"

PI : Dr. Amit Kumar Pandey
Funding Agency: ICMR
Sanctioned Amount: 5997000



Project Title- "Understanding Wnt Pathway and LncRNAs interaction for the identification of novel therapeutic targets in triple-negative breast cancers"

PI : Dr. Amit Kumar Pandey
Funding Agency: DST
Sanctioned Amount: 3778179



Project Title- "Mitigating the impact of antifungal resistance in the emerging pathogen candida auris by piggybacking its peptide permease as an antifungal delivery system"

PI : Dr. Atanu Banerjee
Funding Agency: SERB
Sanctioned Amount:3232312



Project Title- "Fabrication of the portable low cost point-of-care optical device for the screening of thalassemic carrier"

PI : Dr. Ranjita Ghosh Moulick
Funding Agency: DST
Sanctioned Amount: 1460000



Project Title- "Unraveling the molecular mechanism of LncRNAs involvement in Glioblastoma"

PI : Dr. Amit Kumar Pandey
Funding Agency: DST-RSF
Sanctioned Amount: 7174032



Project Title- "Experimental validation of pre-identified candidate genes regulating protein storage in chickpea seeds"

PI : Dr. Kaustav Bandyopadhyay
Funding Agency: SERB
Sanctioned Amount: 3199735



Project Title- "Developing small molecule inhibitors to target non-genomic androgen signaling and elucidating the role of GPR56 in Prostate Cancer"

PI : Dr. Gargi Bagchi
Funding Agency: DST-SERB
Sanctioned Amount: 4637570



Project Title- "Investigating of the role of LncRNA PANDAR in the progression and metastasis of ovarian cancer"

PI : Dr. Amit Kumar Pandey
Funding Agency: ICMR EMR
Sanctioned Amount: 3000000



Project Title:"DHR- Identification of Sphingolipid-based Biomarkers for Triple Negative Breast Cancer (TNBC) and Luminal A Patients and their 72 Clinicopathological Correlation"

PI : Dr. Ujjaini Dasgupta
Funding Agency: ICMR
Sanctioned Amount: 4700000



Project Title- "A low cost portable microfluidics embedded on chiprRT-PCR and microelectrode array coupled point-of care optoelectronic device for large scale screening of emerging viral disease like SARS COV2"

PI : Dr. Ranjita Ghosh Moulick
Funding Agency: BIRAC, DBT
Sanctioned Amount: 9000000



Project Title- "PG Teaching in Biotechnology (M.Sc. in Biotechnology)approved by DBT for GAT-B national based admissions"

PI : Prof. Rajendra Prasad
Funding Agency: DBT for GAT-B national based admissions
Sanctioned Amount: 13000000



Project Title- "Fabrication of Realtime in planta biosensors for presymptomatic detection of heavy metal toxicity"

PI : Dr. Ranjita Ghosh & Dr. Kaustav Bandyopadhyay
Funding Agency: DBT,
Sanctioned Amount: 6500000 (Proposed)



Project Title- "To study the dynamics of sickling inside blood capillary mimicking microfluidic system to fabricate a portable point-of-care electronic device for the detection of sickle cell disease"

PI : Dr. Ranjita Ghosh Moulick
Funding Agency: ICMRASET
Sanctioned Amount: 1000000



Project Title- "Human lacrimal gland regeneration: a study of the existing technological advancements and development of next generation solutions by tissue engineering and regenerative medicine"

PI : Dr. Vimal Kishor Singh
Funding Agency: SERB
Sanctioned Amount: 4367888



Project Title- "Differential Inhibition of Visfatin-PAK4 as a Novel Strategy in Esophageal Squamous Cell Carcinoma for Therapeutic Purpose"

PI : Dr. Manoj K Kashyap & Dr. Suresh Kr. Kalangi
Funding Agency: ICMR
Sanctioned Amount: 4500000



Project Title- "Identification ofbiomarker candidate for early diagnosis of myocardial reperfusion injury andreoccurrence centralizing GSK3 β using metanalysis"

PI- Dr. Arun Kumar, Dr Satish Sardana
Funding Agency: ICMR EMR
Sanctioned Amount: 4900000



Project Title- "Decelopment of onspot diagnostic kit for COVID19 based on RT-LAMP Integrated CRISPR-Cas technique"

PI- Dr. Saif Hameed & Dr. Zeeshan Fatima
Funding Agency: BRNS
Sanctioned Amount: 1656550





Project Title- "DBT-BUILDER Level I.

PI : Dr. Rajendra Prasad
Funding Agency: DBT
Sanctioned Amount: 1.6 Crore



Project Title- "A Mass Spectrometric Approach to Unravel the Landscape of Sphingolipids as Major Signaling Determinants of Drug Resistance and Virulence in Emerging Human Fungal Pathogen *Candida auris*."

PI- Dr Rajendra Prasad
Funding Agency: DBT
Sanctioned Amount: 8425600



Project Title- "Novel Nanoarchitectures for selective multistep catalysis"

PI- Dr. Anirban Das
Funding Agency: SERB, DST
Sanctioned Amount: 1830000



Project Title- "DBT Skill Vigyan Programme under state partnership in Life Science and Biotechnology"

PI- Dr Rajendra Prasad
Funding Agency: DBT
Sanctioned Amount: 12300000



Project Title- "Regulation of ribosome biogenesis and SOS response by cyclic di-AMP in *Mycobacterium*"

PI : Dr .Krishna Murari Sinha
Funding Agency: SERB
Sanctioned Amount: 5786258



Project Title- "Insights into the efflux pump arsenal of the emerging pathogen *C. auris* and its implication in high order of antifungal resistance and virulence"



PI : Dr. Rajendra Prasad & Dr. Atanu Banerjee
Funding Agency: DBT
Sanctioned Amount: 5489236



Project Title- "Defining the role of nutrient-sensitive O-GlcNAc modification in Hepatocellular Carcinoma"

PI : Dr. Vaibhav Kapuria
Funding Agency: SERB
Sanctioned Amount: 3000000



Project Title- "Elucidation of the Role of UDP-Glucose Ceramide Glucosyltransferase (UGCG) in mTORC2- Mediate Regulation of Sphingolipid Biosynthesis."

PI : Dr. Ujjaini Das Gupta
Funding Agency: DBT
Sanctioned Amount: 4400000



Project Title- "Capacity Building and Personality Development Program (PDP) for female undergraduate and Postgraduate students at AUH"

PI : Dr. Rajesh Nair
Funding Agency: National Commission for Women
Sanctioned Amount: 150000



Project Title- "Elucidating the role of post-transcriptional regulation of sphingolipid metabolic genes in breast cancer progression."

PI : Dr. Ujjaini Das Gupta
Funding Agency: SERB
Sanctioned Amount: 6980724



Project Title- "Development of biomimicking polymeric scaffolds for accelerated wound healing and sustained drug release: Preclinical studies in radiation impaired surgical wounds in cancer"

PI : Dr. Deepa Suhag
Funding Agency: ICMR
Sanctioned Amount: 3500000



Project Title- "A study on the problems and conjectures in univalent function theory"

PI : Dr. Navneet Lal Sharma
Funding Agency: SERB, DST
Sanctioned Amount: 2123264



Project Title- "Development of RT-LAMP integrated CRISPR-Cas based rapid and sensitive diagnostic kit for tuberculosis"

PI : Dr. Saif Hameed & Dr. Zeeshan Fatima
Funding Agency: ICMR
Sanctioned Amount: 4200000



Project Title- "Understanding the mutational landscape in different Candida auris clades using a multipronged approach"

PI : Prof. Rajendra Prasad
Funding Agency: ICMR
Sanctioned Amount: 3834200



Project Title- "Mass spectrometry based identification and characterization of mycolic acid lipid biomarkers and their application for development of a lateral flow POC device for tuberculosis diagnosis."



PI : Dr. Zeeshan Fatima & Dr. Saif Hameed
Funding Agency: ICMR
Sanctioned Amount: 5700000



Project Title- "Identification of early diagnostic biomarker for GBM using differential alternative splicing and deep learning"



PI : Dr. Ravi Dutt Sharma & Dr. Amresh Prakash
Funding Agency: ICMR
Sanctioned Amount: 4768526



Project Title- "Identifying and Establishing Bioactive Lipids as Non-invasive Biomarkers for Nonalcoholic Fatty Liver Disease (NAFLD) Progression."

PI : Dr Ujjaini Dasgupta
Funding Agency: ICMR
Sanctioned Amount: 5100000



Project Title- "Development and preclinical Evaluation of Bio-synthetic polysaccharide rich hydrogels as ECM bio-mimics to understand metastatic malrisome in tumor micro environment and predict drug efficacy in 3D tripple negative breast tumor model."

PI : Dr. Deepa Suhag
Funding Agency: ICMR
Sanctioned Amount: 5000000



NEW ASSETS OUT OF PROJECT FUNDS



- AB SCIEX QTRAP 4500 SYSTEM, SCIEX
- Differential Thermal Analyzer
- HPLC, DBT, CAMAG
- AKTA Pure with cold cabinet
- Low Temp shaker/incubator, KUHNER
- HPE DL380 16G 85FF Server, HP Pavilion Laptop (430144TX),
- Centrifuge
- PCR, Eppendorf
- ChemIDoc, BIORAD
- Inverted Research Microscope, CARL ZEISS
- Real Time PCR (3) - EPPENDORF (2), BIORAD (1)
- Fluorescent Microscope, OLYMPUS CORPORATION
- RIUS Spectrometer
- Centrifuge 5804 and Excella E24 bench top incubator, EPPENDORF
- REFRIGERATORS, SANDEEP INSTRUMENTS & CHEMICALS
- MATLAB and Toolbox, INTEGRATED PROGRESSIVE TECHNOLOGY
- CO2 Incubator (4)
- Microscope with camera, OLYMPUS
- Server PowerEdge, DELL THROUGH ARROW PC
- Oxygen Electrode System, HANSATECH INSTRUMENTS, UK
- Nanodrop (2) , Plant growth chamber, DBT, A M BIOTECH
- Freezer (2)
- Incubator, Shaker, Vortex Mixture, LACZENE BIOSCIENCE, LABNET (1)
- Fluorescence Phase Contrast Microscope, TOWA OPTICS INDIA PVT LTD
- Dell laptop, HP laptop,
- -80-degree Freezer, THERMO
- Fast Prep, DBT, MP BIOMEDICALS INDIA PVT. LTD.
- Potentiostat/Galvanostat with Impedance analyzer.
- Vacuum Thermal Coating Unit, SCIENTIFIC & ANALYTICAL INSTRUMENT
- PCR Thermocycler, DISCOVERY BIONICS
- Elisa Reader, BIORAD
- PCR machine, EPPENDORF
- Biosafety cabinet, LABQUIP
- UV Visible Spectrophotometer, PERKINELMER PTE LTD, SINGAPORE
- Ferroelectric Loop Tracer, MARINE INDIA

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S.No	Diary No	Title	Name	Status	Filing date
1	26580/ 2021-CO/L	ONLINE HEALTH AND WELLNESS CLINIC (OHWC)	Tamil Selvi A., Amity College of Nursing, Amity University Haryana. Ph: 9894594932	Registered	1-Nov-21
2	23830/2021-CO/L	RAGI HEALTH DRINK	Prof. (Dr.) Tamil Selvi A, Amity College of Nursing, Amity University Haryana	Registered	1-Oct-21
3	30059/2021-CO/L	IAM HCP	Prof. (Dr.) Tamil Selvi A, Amity College of Nursing, Amity University Haryana	Filed	13-Dec-21
4	32059/2021-CO/L	HOME HOSPITAL (H2) APP'	Prof. (Dr.) Tamil Selvi A, Amity College of Nursing, Amity University Haryana	Filed	31-Dec-21

d) List of PhD recipients whose theses are in alignment with SDG 3

Sl.No.	Degree SI No	Name of Scholar	Enrolment No	Programme	Thesis Title	Year of Completion
1	Ph.D / 0076	Rajesh M	A50217317006	Doctor of Philosophy (Biotechnology)	Isolation, characterization and adjuvant potential of mycobacterium tuberculosis cell wall isolated poly- α -L-glutamine	2021
2	Ph.D / 0082	Ashok Kumar	A50230715007	Doctor of Philosophy (Biotechnology)	Molecular Epidemiology and Resistome in Candida Isolates Recovered from Different Cohort of Patients from Haryana Hospitals	2021
3	Ph.D / 0089	Sharda Sharma	A50217315001	Doctor of Philosophy (Biotechnology)	Antimycobacterial Potential of Vanillin and Geraniol against Mycobacterium	2021
4	Ph.D / 0091	Julie Pratibha Singh	A50217314001	Doctor of Philosophy (Biotechnology)	Identification of Molecular Targets for the Treatment of Prostate Cancer	2021
5	Ph.D / 0092	Shweta Singh	A50230714003	Doctor of Philosophy (Biotechnology)	Antifungal potential of terpenoid and alkaloid compound(s) against human fungal pathogen, Candida albicans	2021
6	Ph.D / 0099	Sunil Kumar Singh Kadyan	A50030312003	Doctor of Philosophy (Management)	Impact of Health Insurance Claim Settlement Procedure on Customer Satisfaction: An Empirical Study in Delhi and NCR	2021
7	Ph.D / 0104	Sonia	A50230715003	Doctor of Philosophy (Biotechnology)	Use of Immunological and Molecular Tools for the Diagnosis of Tuberculous Meningitis	2021
8	Ph.D / 0105	Gunjan Dagar	A50217315003	Doctor of Philosophy (Biotechnology)	Developing High Throughput Reporter Assay for Detection of Endocrine Disruptive Chemicals	2021
9	Ph.D / 0107	Syed Bilal Jilani	A50217317007	Doctor of Philosophy (Biotechnology)	Identification of genes involved in enhancing performance of ethanologenic E. coli in presence of inhibitors	2021
10	Ph.D / 0108	Ishfaq Ahmad Ahanger	A51684716001	Doctor of Philosophy (Biochemistry)	Delineating Aggregation Behavior of Bovine Serum Albumin: A Biophysical Approach to Modulate Protein Aggregation through Co-solutes	2021
11	Ph.D / 0109	Mohit Kumar	A525105717001	Doctor of Philosophy (Integrative Biology)	Sphingolipid Metabolism in Candida Species	2021
12	Ph.D / 0117	Satyam Gupta	A50030315017	Doctor of Philosophy (Management)	Factors for contact lens usage and their impact on user's attitude and its antecedents: A study of the national capital region	2022

e. Trademark that conforms to SDSG3

TRADEMARK FILED (JUL 21 – JUL 22)

S.No	Inventor's Name	Title	Date of Submission	Application No	Response to Examination report e-filed on
1	Atul Thakur, AUH, Manesar.	Nano-Breathe'	10-Aug-21	5082198	09-11-2021



TRADEMARK REGISTERED

Nano-Breathe

By
Prof. Atul Thakur
Director
Amity Institute of Nanotechnology
Amity University Haryana
Gurugram



Application no: 5082198



भारत सरकार
Government of India
विश्व वाणिज्य संस्थान
Trade Marks Registry
नयाँ दिल्ली-110002
Trade Marks Act, 1999

जहाँ यह अधिसूचना प्रकाशित है, उसे 20 अगस्त 2021 से प्रभाव में है।
Certificate of Registration of Trade Mark, Section 27(1)(b), Trade Marks Act, 1999

आवेदन संख्या: 5082198 आवेदन तिथि: 10 अगस्त 2021 दिनांक: 09 अगस्त 2021

NANOBREATH



आवेदन संख्या: 5082198



GOVERNANCE & MANDATES

The smoking of any substance is not permitted in any of the Classrooms, Faculty Halls or cabins, Hostels, cafeteria, seminar halls, auditoriums, sports ground or any open or closed spaces on the University premises. This also extends to at least 1km radius of the University campus.

Amity University Haryana is committed to fostering the good health and wellbeing of all members of its university community. It aims to reduce pollution and hazardous air pollutants through this prohibition. Medical research confirms the many health risks of smoking and tobacco usage as well as the negative effects of second-hand smoke.

The policy covers all property and vehicles owned, leased, rented, or operated by Amity University

Haryana and includes cigarettes, cigars, pipes, e-cigarettes, dipping tobaccos, snuff, other smokeless tobacco, hookah, marijuana, cannabis, and related electronic and other products.

The policy pertains to everyone associated with the University community including students, employees, contracted service employees, vendors, and visitors. Communication. The policy is published widely through various University outlets and will be included in the Student Handbook and website. Signage indicating that the University is smoke-free and tobacco-free are posted on campus. Existing policies, regulations and penalties governing smoking and tobacco usage inside university property will remain in effect as promulgated.



UNIVERSITY INFRASTRUCTURE

1. Department of Optometry & Vision Science

Mission Vision for Eradication of Preventable Blindness was launched by the Department of Optometry and Vision Science, Amity University Haryana to serve society as Best Practice and part of the curriculum of Optometry and Vision Science. The main aim of this program is to eliminate and prevent Blindness in the Community by providing free eye screening and appropriate management. The Mission statement is "Every citizen enjoys the gift of sight and the visually

challenged have enhanced quality of life as a right."

Focused on Four areas:

1. Door-to-door survey.
2. Mobile Eye examination in Van.
3. In-campus Eye Clinic.
4. Surgical intervention where required.

2. Department of Audiology and Speech Language Pathology

The Amity Medical School, Amity University Haryana's department of Audiology and Speech-Language Pathology (ASLP) offers the Bachelor of Audiology and Speech-Language

Pathology (BASLP) degree. It also provides its services to several hospitals, including Artemis Hospital, Medanta Hospital, and Narayana Hospital.



Speech evaluation by ASLP Students at a health checkup camp



Hearing evaluation at ASLP Clinic



Speech therapy session in ASLP Department



ASLP Students in screening camp

3. Mental health support

Amity University Haryana has a dedicated team of faculty counsellors, visiting psychiatrists, and the Amity Institute of Behavioural & Allied Sciences, along with the Counselling & Guidance Cell, to offer free mental health support to students, staff, faculty, and the community in

a safe, friendly, and affirming environment. The University guarantees a caring atmosphere and focuses a high priority on the development of its students. The University has put together several courses aimed at educating students about mental well-being.



Awareness Camp at Fakarpur Village on Prevention of Alcohol Addiction in community



Counselling & Guidance Cell

4. Sexual and reproductive health care services

In cooperation with students' clubs with DRAMEBAAZ and AMOLI SOCIETY FOR WOMEN, SAAKAR, the Youth Social Responsibility Group at Amity University Haryana, under the Dean of Students Welfare, successfully planned the WOMEN EMPOWERMENT MISSION, a two-day

event, on October 7 and 8, 2021. The campaign, spearheaded by young Saakarians, was focused on getting sanitary pads to the impoverished adolescent girls and women in Gurugram. The campaign also aims to raise knowledge of menstruation hygiene and Covid regulations.



Women Empowerment Mission organized by Dean Student Welfare



Nukkad Natak on the male-dominated society's impact on women

5. Medical Insurance:

All students and staff are eligible to avail medical insurance policy covering medical issues requiring hospitalization beyond the on-campus services.

6. Medical & Health Centre:

Amity Medical & Health Centre has a doctor on staff as well as residential paramedics. Through an OPD and a primary healthcare system, it offers help for both physical and emotional health. The facility contains well-equipped general

and emergency wards, staffed around-the-clock by nurses, paramedics with professional training, and an ambulance. Through a clearly defined process, all University members can make use of the services and schedule appointments.

7. Sports Complex

The University has 20-acre sports complex which offers ample opportunities to students for regular work –out, lifestyle management and interaction by providing a host of excellent sports facilities like cricket, football, basketball, lawn tennis, volleyball as well as indoor games like chess, carom, table –tennis, snooker etc. From increasing concentration level and working

as a team to inculcating a winning spirit, sports help students to build a strong character and all-round development. Regular yoga and meditation sessions are organized at the meditation and yoga hall. The University offers other indoor and outdoor sports facilities: horse riding, golf, cricket, basketball, badminton, tennis, football, billiards, etc.



Sports Facilities at Amity University Haryana

EVENTS AND SOCIAL OUTREACH

1. 90th Annual Meeting Of SBCI



90th Virtual Annual Meeting of The Society of Biological Chemists India (SBCI), held at Amity University Haryana, Gurugram. Amity University Haryana (AUH), Haryana organized the 90th annual meeting of The Society of Biological Chemists (SBC), under the theme "Metabolism to Drug Discovery: Where Chemistry and Biology Unite" from 16th to 19th December 2021. The Amity Institute of Biotechnology (AIB), and Amity Institute of Integrative Sciences and Health (AIISH) worked hand in hand to successfully

organize this meeting. Due to the continuing COVID-19 pandemic, the meeting was held entirely on a virtual platform.

The scientific sessions were spread across four days (16- 19 December, 2021) which included 75 invited talks, 3 award lectures, as well as 4 plenary lectures from eminent scientific figures, 138 scholars presented posters and more than 900 delegates participated online.

90th SBCI in NEWS

<https://www.apnnews.com/amity-university-haryana-3/>

<http://mediabulletins.com/education/amity-university-haryana-organized-90th-annual-meeting-of-the-society-of-biological-chemists-sbc-india/>

Amity University Haryana - FM Live



Amity University Haryana organized 90th Annual Meeting of The Society of Biological Chemists (SBC), India "Metabolism to Drug Discovery: Where Chemistry and Biology Unite" Amity University Haryana (AUH) organized the 90th annual meeting of The Society of Biological Chemists (SBC), under the theme "Metabolism to Drug Discovery: Where Chemistry and Biology Unite" in December 2021. [...]

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<http://businessnewsthisweek.com/education/amity-university-haryana-organized-90th-annual-meeting-of-the-society-of-biological-chemists-sbc-india/>

Amity University Haryana organized 90th Annual Meeting of The Society of Biological Chemists (SBC), India | Business News This Week

[December 29, 2021] Amity University Haryana organized 90th Annual Meeting of The Society

BUSINESS NEWS THIS WEEK

A LEADING BUSINESS NEWS PORTAL

of Biological Chemists (SBC), India Education [December 29, 2021] Digit offers one of the lowest waiting periods in health insurance Business [December 29, 2021] Ring in the New Year with Sheraton Grand Pune!

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Amity University Haryana organized 90th Annual Meeting of The Society of Biological Chemists (SBC), India | Digital Media 9

“Metabolism to Drug Discovery: Where Chemistry and Biology Unite” Amity University Haryana (AUH) organized the 90th annual meeting of The Society of Biological Chemists (SBC), under the theme “Metabolism to Drug Discovery: Where Chemistry and Biology Unite” in December 2021.

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<https://www.cityairnews.com/content/amity-university-haryana-organized-90th-annual-meeting-of-the-society-of-biological-chemists-sbc-india>

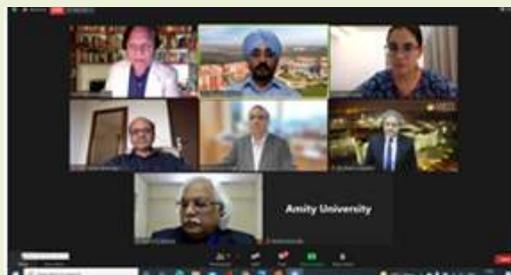
2. Webinar on “Implementation of telepharmacy services during the ongoing COVID-19 pandemic”

A webinar on “Implementation of telepharmacy services during the ongoing COVID-19 pandemic” was organised by Dr. Asim Kumar and Dr. Shrestha Sharma, Amity Institute of Pharmacy (AIP).



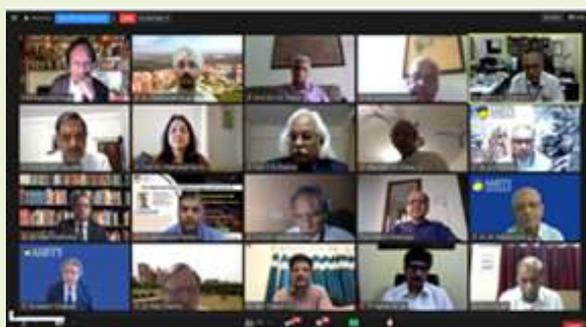
3. Webinar on “mRNA Vaccine is the symbol of AtmaNirbhar Bharat”

A scientific talk on development of mRNA vaccine against COVID-19 organized by AIB & AIISH on 14-08-2021 The Speaker: was Dr. Sanjay Singh, CEO, Gennova Biopharmaceuticals Ltd.



4. Webinar on “The Myth and Facts of Black Fungus and COVID-19”

A webinar on potentially fatal fungal infection called mucormycosis, popularly known as “black fungus” organized by AIB & AIISH on 12-06-2021. The Speaker was Dr. Arunaloke Chakrabarti, President, International Society for Human and Animal Mycology



5. Industry connect talk on “From Nature to Product: Stages of Nature based Drug Discovery & Development” by Dr A. Varshney, Patanjali Research Institute.

A scientific talk on development of Drug Discovery and Development organized by AIB & AIISH on 25-03-2022. The Speaker was Dr. Anurag Varshney, Vice President Drug Discovery, Patanjali Research Institute



The poster features the Patanjali logo on the top left and the Amity University Gurugram logo on the top right. The main title is "Industry Expert Visit and Talk on FROM NATURE TO PRODUCT: STAGES OF NATURE BASED DRUG DISCOVERY & DEVELOPMENT" with the date "Friday, 25th March 2022". A photograph of Dr. Anurag Varshney is shown in a circular frame. To the right, there is an image of natural ingredients and a mortar and pestle. The speaker's name and title are listed below the photo. The event is sponsored by Prof. Rajendra Prasad, with coordinators Prof. Lakshminarasimhan Krishnaswamy and Dr. Machiavelli Singh. The footer mentions the organizers: Amity Institute of Biotechnology and Amity Institute of Integrative Science and Health.

SPEAKER

Dr. Anurag Varshney,
Vice President -
Drug Discovery and Development
PATANJALI RESEARCH INSTITUTE, Haridwar

Convenor:
Prof. Rajendra Prasad, Dean FSET, Director AIB/ AIISH

Coordinators:
Prof. Lakshminarasimhan Krishnaswamy, Professor - AIB
Dr. Machiavelli Singh, Associate Professor - AIB

Organized by: AMITY INSTITUTE OF BIOTECHNOLOGY | AMITY INSTITUTE OF INTEGRATIVE SCIENCE AND HEALTH

6. Amity Medical School coordinated the "Scleral Contact lens workshop"

The Department of Optometry and Vision sciences, AMS, AUH coordinated Scleral Contact lens workshop. This event briefed students about scleral contact lenses and the learning outcomes were based on the hands-on session followed henceforth. 90 students participated in the workshop. The program coordinator was Dr Gaurav Kumar Bhardwaj.



7. Hands on Training on Materials Characterizations, Lipidomic and Proteomics Techniques

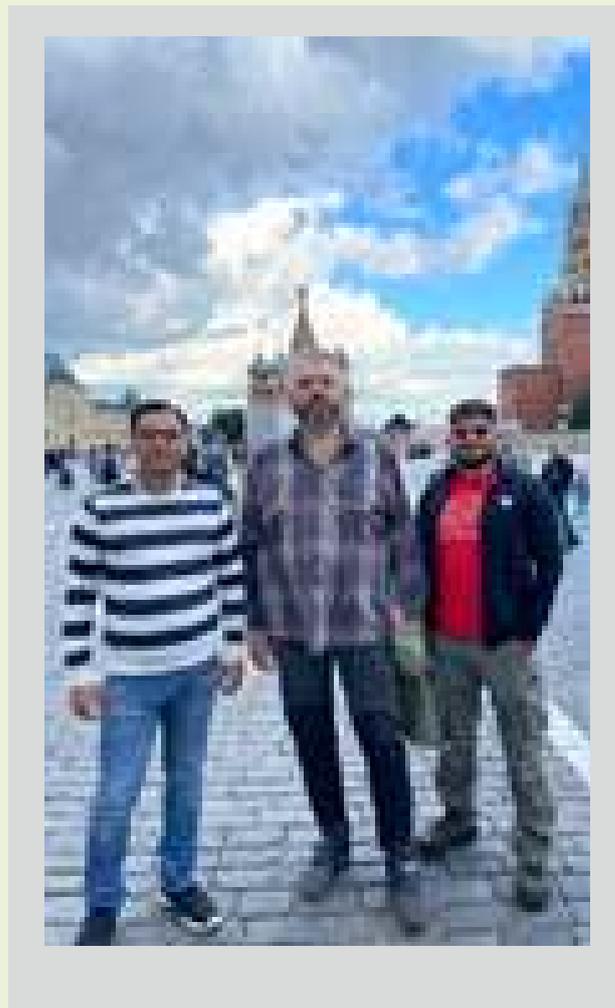
One weeklong "Hands-on Training on Materials Characterizations, Lipidomic and Proteomics Techniques" is being conducted by Amity University Haryana, sponsored by the Department of Science & Technology (DST) under 'Synergistic Training program Utilizing the Scientific and Technological Infrastructure' (STUTI).

The Scheme 'Synergistic Training program Utilizing the Scientific and Technological Infrastructure' (STUTI) is intended to build human resource and its knowledge capacity through open access S&T Infrastructure across the country. As a complement to the various schemes of DST funding for expansion of R&D Infrastructure at academic institutions, STUTI scheme envisions hands-on training program, sensitization and sharing of the state-of-the-art equipment while ensuring transparent access of S&T facilities. The training is conducted on a hub-and-spoke model approach, where DST as the apex body, identifies an Institute/University that shall function as a Project Management Unit (PMU).



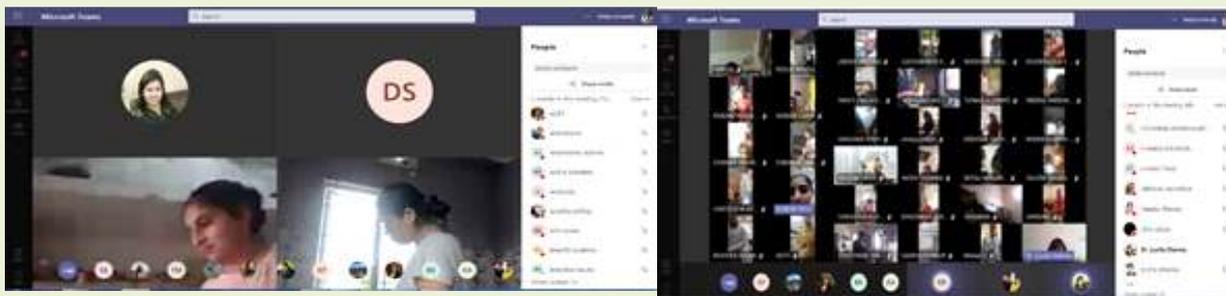
8. AIB's Cancer Biology Researchers visited Russian Academy of Sciences, Moscow

AIB Cancer Biology Scientist Dr Amity Kumar Pandey and Research Scholar Bhupender Yadav visited Moscow, Russia under DST-RSF project from 19 - 29 July 2022. Dr. Amit Kumar Pandey, Assistant Professor, AIB along with Mr. Bhupender Yadav, JRF visited Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry of the Russian Academy of Sciences, Moscow for scientific discussion on the ongoing international research grant "Unraveling the molecular mechanism of lncRNAs involvement in Glioblastoma (DST-RSF)". The visit was from 19th to 29th July 2022. The Russian host was Dr. Yury Rubstov, Senior Researcher Molecular Oncology Lab at Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry of the Russian Academy of Sciences 117997, Russian Federation, Moscow, GSP-7, Ulitsa Miklukho-Maklaya, 16/10. The delegation also interacted with Prof. Alexander Gabivov, Director, Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry, and discussed the possibility of a student exchange program.



9. Live Healthy Recipe Making Contest:

The Department of Dietetics and Applied Nutrition, Amity University Haryana, organized an online Live Recipe Competition by Nestle Maggi on 23rd September 2021 as a part of celebrating National Nutrition Month (POSHAN MAAH).



Recipe Competition organized by Nestle Maggi on Poshan Maah

10. Colorful Food Plate:

Department of Dietetics and applied nutrition organized a recipe competition with the theme "Cook Without Fire Recipe Competition" on 19th April 2022 in which students displayed delectable recipes without the need for conventional cooking methods.



Cook Without Fire Recipe Competition

11. Eye Screening Camp /Anti Doping (Education and Awareness):

The Department of Optometry and Vision Science undertook a distinguished initiative by organizing an Eye Screening Camp and an educational Anti-Doping program to strengthen health promotion and education in the field of eye care.



Assessment of binocular vision

12. Speech and Hearing camp:

Camp for hearing and speech screening on World Hearing Day Organized by Amity Medical school, Haryana.

Point wise highlights of the Event:

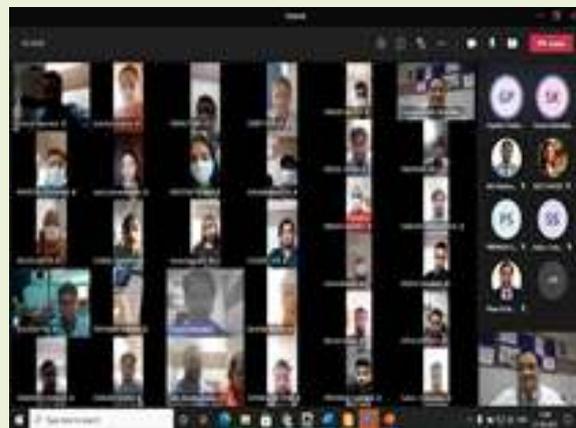
- Speech and Hearing Screening through questionnaire- 200 students,
- Tuning fork Test based hearing screening and Otoscopic examination.
- Number of children shortlisted for details assessment at AUH clinic. – 21 Students (11 students for Audiological evaluation and 10 for speech evaluation).



Speech and Hearing camp on World Hearing Day

13. Incorporating Binocular Vision Assessment and Vision Therapy into Clinical Practice:

Session organized by Department of Optometry and Vision Science, AMS, Amity University Haryana was organised on 27th -09-2022.



Binocular Vision Assessment and Vision Therapy

14. Visit to Anganwadi:

Department of Public Health, AMS organised a tour of Anganwadi center for the benefit of the students. Due to the pandemic the students were deprived of field exposure and hence this event gave them an understanding regarding the ground realities of the government programs such as Integrated Child development Schemes and its implementation challenges.

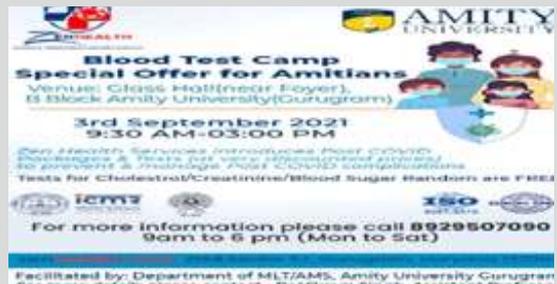


Visit to Anganwadi Centre

15. Blood Test camp:

The Department of Medical Lab Technology orchestrated a Blood Test Camp on September 3, 2021, with the following aims:

1. To offer fundamental medical laboratory testing services to both students and staff members.
2. To extend a community-wide platform for specialized lab investigations at reduced rates.
3. To serve as a diagnostic platform for the identification of COVID, diabetes, and cardiovascular events, providing complimentary testing for blood sugar, cholesterol, and blood pressure.



Blood Test Camp

16. Blood Donation Camp:

A blood donation camp was organized by the Department of Medical Lab Technology on 10 March 2022.



Blood Donation Camp

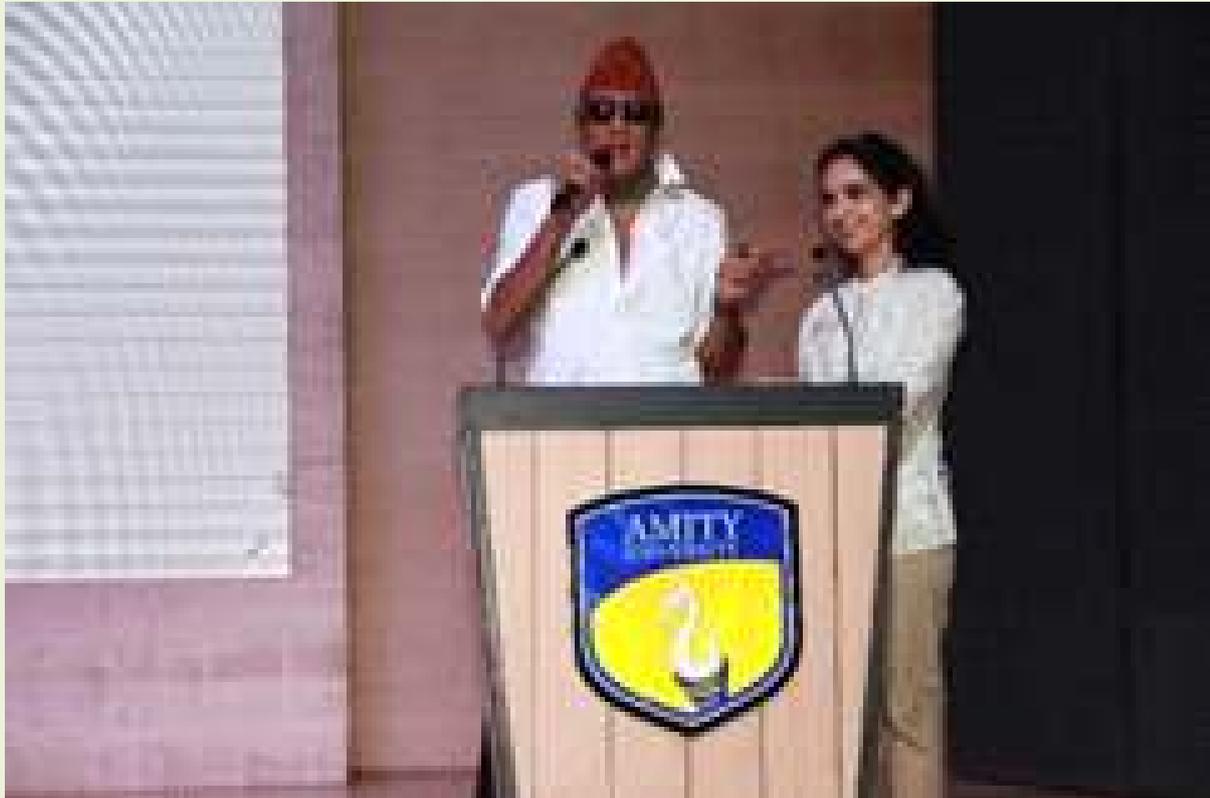
17. Faculty Development Program:

The faculty development programme (FDP) "Integrative Biology: from molecules to the ecosystem in health and medicine" was conducted on 02-Aug-21 by Amity Institute of Biotechnology. The participant learnt and the sole purpose of the FDP was to educate faculty members from within and outside

the University on recent trends of integration of various disciplines into biomedical sciences. 07 faculties from our university and 30 faculties from other universities registered for this program and as evident from the feedback, most of them have benefited from the event.

18. Seminar:

The Seminar "An Interactive Session on Thalassemia Screening with eminent Bollywood star Mr. Jackie Shroff" was conducted on 11-May-22 by (DSW) Dean Students and Welfare. The event spread awareness regarding Thalassemia Blood Disorder.



19. Guest Lecture:

The Guest Lecture "Recent Advances in the quality control of Herbal Drugs" was conducted on 17-Aug-21 by Amity Institute of Pharmacy. The students learnt the nuances of various methodologies using herbal drug standardization.

20. Orientation Program:

The Orientation Program "New Challenges and Opportunities in Aerosol Pollution Research: An Indian Perspective" was conducted as on 20-Sep-21 by the Amity Centre for Ocean Atmospheric Science & Technology (ACOAST). The participants Gained knowledge about the utilization of satellite AOD data for health hazard studies.

21. Student Activity:

The Students Activity "Pharmacy: Always Trusted for Your Health" was conducted on 25-Sep-21 by Amity Institute of Pharmacy. The Event was to impart contemporary knowledge, to the students, enhance their soft skills ability, enhance their presentation skills and to develop their aptitude skills regarding various issues pertaining to the Pharmaceutical Sciences.

22. Webinar:

The Webinar "Incorporating Binocular Vision Assessment and Vision Therapy into Clinical Practice" was conducted on 27-Sep-21 by Amity Medical School. The participants gained knowledge of how to implement vision therapy and binocular vision assessment in every clinical practice with minimum tools and investments.

23. Society Outreach Program:

The Society Outreach Program "I Health camp for older persons" was conducted on 01-Oct-21 by Amity Collage of Nursing. The participated Students learnt on proper way of conducting Health camp by making stations and labelling them with directions. Students also learnt the coordination in conducting health awareness programme.

24. Expert Talk:

The Expert Talk "Investment in mental Health: Great Asset" was conducted on 11-Oct-21 by Amity Collage of Nursing. The participated Faculty and Students learnt Teacher mental health issues are important because they not only have a detrimental influence on teachers themselves but also directly affect classroom outcomes. To tackle the crisis head-on, school leaders need to build open and supportive wellbeing cultures. The session helped teachers to promote their mental health for an effective teaching learning process.

25. Society Outreach Program:

The Society Outreach Program "Theme: Pharmacist: An Integral Part of Healthcare" was conducted on 21-Nov-21 by Amity Institute of Pharmacy. The participated Learnt Students as budding pharmacists learnt their duty and role as an essential component of the future healthcare system.

26. Society Outreach Program:

The Society Outreach Program "Camp for hearing & Speech Screening" was conducted on 24-Dec-21 by Amity Medical School. The participated Learnt This Camp provides an opportunity to the students to perform specific diagnostic test on the children.

27. Society Outreach Program:

The Camp "Speech and Hearing camp at AUH Gurgaon." was conducted on 03-Mar-22 by Amity Medical School. The participated Learnt about the how to screen large no. of participants.

28. Blood Test Camp:

The Camp "Blood Test Camp was conducted on 10-Mar-22 by Amity Medical School. MLT Students participated in this event learnt about blood test and its clinical relevance.

29. Guest Lecture:

The Guest Lecture "Molecular Beacons for Clinical Diagnostics and Imaging mRNAs in Live Cells" was conducted on 21-Mar-22 by Amity Institute of Biotechnology. The participated students were introduced to the state-of the art single molecular detection methods to study mRNA traffic in nucleus, Intracellular Venues of mRNA splicing, mRNA synthesis etc.

30. Workshop:

The Workshop "Workshop on continuing nursing education on Palliative Care in Collaboration with Can Support, NGO, Delhi." was conducted on 24-Mar-22 by Amity Collage of Nursing. All the students and faculties could learn in detail about palliative care and how to manage these patients effectively.

31. Blood Donation Camp:

The Camp "Blood Donation Camp by Red Cross Society and Thalassemia India" was conducted on 11-May-22 by Amity Collage of Nursing. The outcome of the event is many students and employees donated the Blood to save the lives of others.

32. Industry Visit:

The Industrial Visit "Clinical Research Exposure in Hospital" was conducted on 16-May-22 by Amity Medical School. CR Students participated in this event learnt about how to conduct Clinical trials and clinical research along with the future opportunities in the field of clinical research and health care centre.

33. Society Outreach Program

The Society Outreach Program "Management of tobacco addiction and menstrual psychosocial issues" was conducted on 2-May-22 by Amity Institute of Clinical Psychology. Sensitized participants about Tobacco use and Menstruation cycle.

34. Society Outreach Program:

The Society Outreach Program "Mental Health Issues among employees" was conducted on 05-May-22 by Amity Institute of Clinical Psychology. The Students Learnt overview of mental health among employees in different types of industries. The issues discussed were stress, anxiety, Alcohol addiction, safety and security, gender difference, working hours, sleep disturbance, working environment, organizational culture, company policy and promotion.

COLLABORATIONS, AWARDS & RECOGNITIONS

Partnering with Industries/other research organizations allows universities to conduct networking events which are extremely important for students' career prospects. Memorandums of Understanding (MoUs) and partnerships expose students to real-world industry environments and challenges they may encounter after graduation. Such collaborations offer access to

expertise and innovation, an extension of resources, and a sharpening of competitive benefits to both bodies involved. Students benefit from internships, summer training, and valuable research experience through such agreements. Additionally, industry specialists regularly share their expertise with students through guest lectures and expert presentations.

Faculty Recognitions in alignment with SDG 3

Institute	Faculty Name	Award	Awarding body	Year
AMS	Dr Luxita Sharma	AWARD - Excellence in Outstanding accomplishment	IAPEN - Indian association of Parenteral and Enteral Nutrition	2021
AMS	Dr. Luxita Sharma	MGA Award (National Nutrition Icon Award)	Mahanagar Global Achievers Award Session 5	2021
AIB	Ms. Manisha Dagar	The Herbert Tabor Award	The Herbert Tabor, The Journal of Biological Chemistry presents the JBC Herbert Tabor Early Career Investigator Award	2021
AMS	Dr. Luxita Sharma	Token of Appreciation as a Chairperson	Sarvodya Hospital & Research centre Faridabad	2021
ASAS/AUH	Dr. Dipti Vaya	Resource Person in Certification Course	Certificate Course on Industrial Waste Management organized by St Xavier College Mumbai	2022
AMS/DAN	Dr. Luxita Sharma	An award in Excellence in Outstanding Accomplishment	Excellence in Outstanding Accomplishment has been conferred upon by Indian Association of Parenteral and Enteral Nutrition (IAPEN) India Association	2022

Institute	Faculty Name	Award	Awarding body	Year
AIB	Dr. Amit Kumar Pandey	Best Oral Presentation	Ram Nath Hiralala Jaju Award for best Oral Presentation by Mid-Level Scientist	2022
AIB	Dr. Chandramani Pathak	Reviewer Recognition Certificate	This certificate is awarded to for serving as a reviewer for Cancer Reports, Willey	2022
AIP	Dr Rupali Sharma	Young Scientist Award	Extraordinary work in the field of Healthcare on 11th June 2022 at MP Council of Science & Technoogy, Bhopal, MP	2022
ACOAST/ ACESH	Prof. Dr. P.C.S. Devara	Work Agreement (MoU) between NASA-AERONET, USA and AUH, Gurugram, India	NASA, Greenbelt, MD, USA	2022
AIB	Dr. CM Pathak	International Scientist Awards on Engineering, Science and Medicine INSO 2022	Coimbatore, India	2022

Memorandum of Understanding/ Agreements/ Contracts

The University has MOUs with the prestigious organizations listed below:

- Global Health private limited (Medanta Hospital, Gurgaon, Haryana)
- Paras HealthCare limited, Paras Hospital, Gurgaon, Haryana
- Artemis medicare services limited (Artemis Hospital, Gurgaon, Haryana)
- Management and Science University, Malaysia
- Clove Dental, India
- Titan Company Limited (Corporate office at Bengaluru)
- Udaan Clinic, Hauz Khas
- Step Forward Developmental Center (Mayom Hospital, Gurgaon)
- Khushboo Welfare Society (KWS), Gurgaon
- Continua Kids, Gurgaon



Awards & Recognitions:



The United Nations Sustainable Development Goals (SDGs) are the focus of Amity University Haryana of Eminence. The four pillars of our approach to the SDGs are research, teaching, basic institutional practices, and collaborations.

