



# AMITY UNIVERSITY

**HARYANA**

(Accredited with Grade 'A' by NAAC)

## Report

## On

## Sustainable Development Goal



## SDG 4: Quality Education Year 2021



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Amity University Haryana's 'Quality Education Programs' pursue the vision of providing *"Education, not just for a living but contributing to the progress of humanity through excellence in society relevant research and extension activities."* The University's Quality Education programs follow the vision as mentioned above. AUH is a research and innovation driven university which has actively responded to local, national, and international challenges by nurturing and practicing innovative methods in maintaining core activities of teaching, research and service to the community. The university proactively focuses on continuing what is needed to achieve the long-term sustainability goals. It gives a central place to education for the realization of human rights, culture of peace, harmony, non-violence, sustainable development, health and education awareness, sustainable lifestyles and promotes global citizenship for regional, national, international understanding and practice living in harmony in the lap of nature.

AUH offers various value-added courses beyond the main subjects for providing quality education to the students and training to the teachers. The university works closely with local partners / industries and other higher education institutions to inspire young minds to pursue higher studies. Apart from work specific skills, the university curriculum gives emphasis on providing high -level cognitive and non-cognitive skills such as communication skills, behavioural skills, critical thinking, creativity, teamwork, problem solving skills, leadership and conflict resolution ability which plays a pivotal role in a variety of occupational arenas. The university also provides equal access to person with special needs and the infrastructure of the university supports this statement for continuing education of such persons.

The Learning Management System and robust ERP provides a unique platform to interact with faculty and utilize educational resources, e-library services, digital notes, lectures and other reading materials, campus facilities and equipment. The university through its various public events, public lectures, seminars, webinars, workshops, FDPs provides an opportunity for lifelong learning and development of community. The faculty members and the various students' club at the campus are deeply engaged in a plethora of outreach educational activities and services for local community, and other stakeholders to impart education, awareness on important issues pertaining to health, education, environment, entrepreneurship, role of information and communication technology, digitization of e-commerce activities and safety.

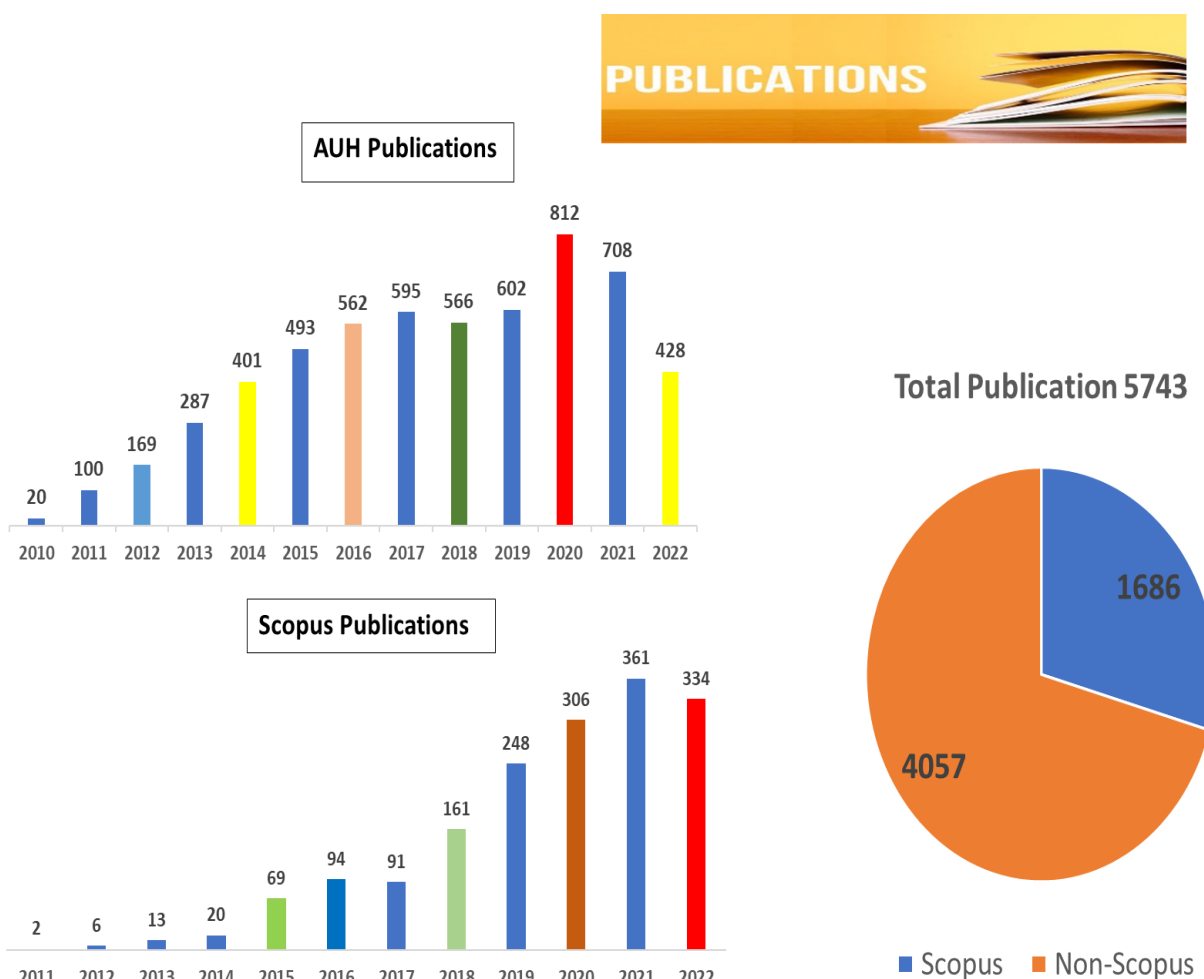
The need of the hour is to enhance skill development for the youth and provide vocational education. The university focuses on capacity building and offers a basket of skill tracks and minor degrees to the students so that they are decently employed and can become entrepreneurs thereby, creating job opportunities for the generations to come. 42.3% of students starting a degree are first generation students.

The 110 acres campus of the university is also rich in diverse flora and fauna and herbal plants. The neighborhood farmers are provided support for agricultural and horticulture activities for upliftment of rural community. The university education system focuses on inculcating spirit of patriotism, love for mankind and driving sustainability development goals by implementing various practices.

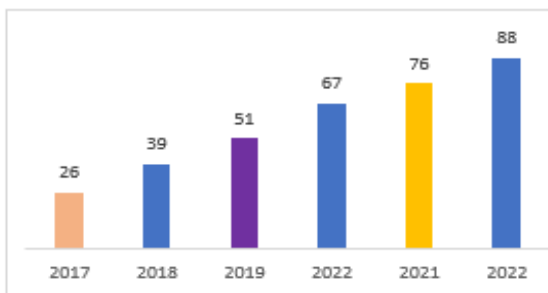
## Quality Education - Research and Publication

Amity University Haryana strategic plan focuses on maintaining high quality research with substantial international, national and local impact. The research conducted at the university gives impetus to address the societal needs and create innovative intellectual property rights which can be used to cater to the sustainability goals of the rural and urban community.

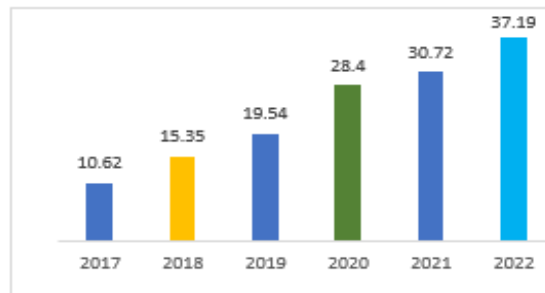
The University provides sufficient support to its faculty members and promotes research amongst the researchers. During the calendar year 2021, 708 publications have been made by the faculty members in journals of international and national repute with high impact factor. Faculty members have also received major grants funded by the government funding agencies such as DBT, DST, DAE, IUAC, MNRE, Ministry of Ayush, ICMR etc.



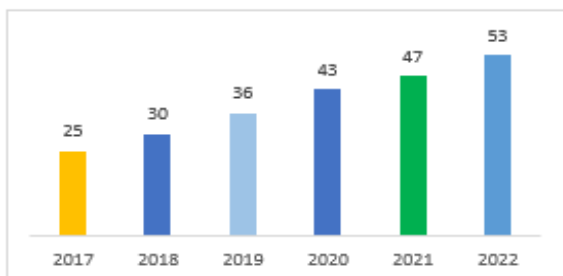
R&D Projects



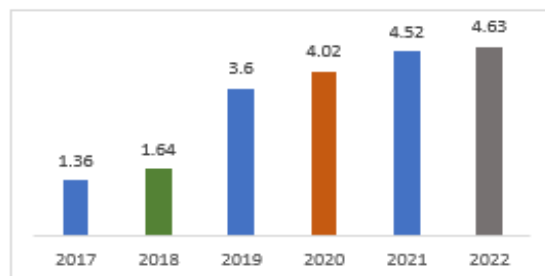
R&D Projects (Cr)



Consultancy Projects



Consultancy Projects (Cr)

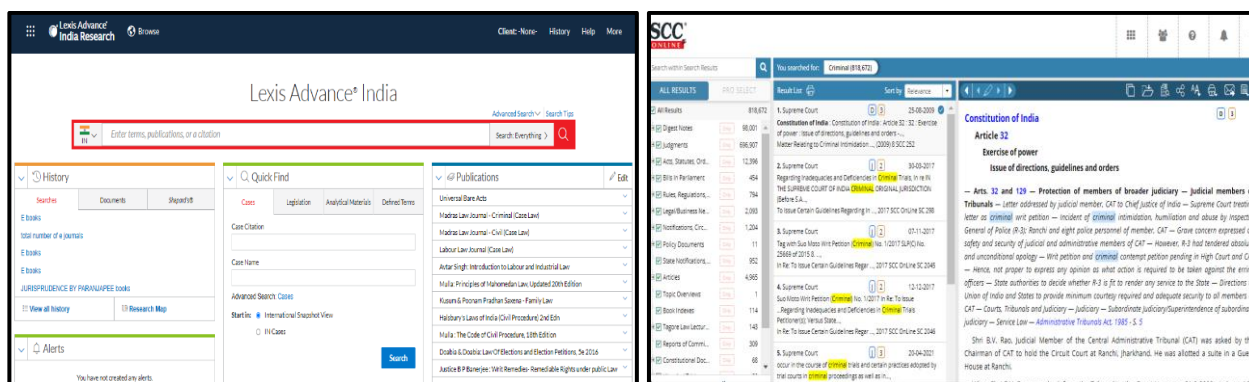


### Public Resources (Lifelong learning)

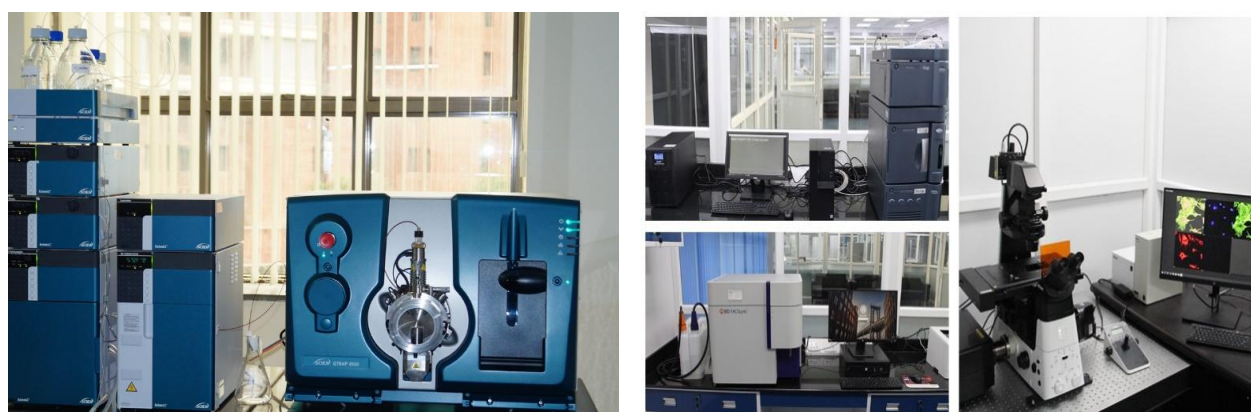
The library at Amity University Haryana is one of the best-resourced academic libraries which provides membership to the outsiders to have free online access to vast resources available through webopac:1.6.141.244, DELNET, INFLIBNET. In addition, there are some Departmental Libraries such as - Law library, Architecture library, Pharmacy library and Nursing library which are also well equipped with reference books and textbooks and other software's such as Supreme Court Cases (SCC) online and advanced Lexis e-legal data base, which are freely accessible to users. The University's library also provides access to the physical book collection, which is open to visitors, either on a day pass or, if they want to borrow, on an associate membership.



## Law Library e-legal database: Supreme Court Cases & Lexis Advance e-legal database



**Central Instrumentation Research Facility (CIRF)** was established in September 2019. The purpose of this facility is to provide the scientific community (within Amity University and external researchers, both from the academia and industry) with state-of-the-art analytical cutting-edge access to Microscopy, Flow Cytometry, Centrifuge, Chromatography and Spectrophotometric techniques for imaging, cell analyzing, separation, identification, and quantification of biomolecules like protein, organic compound, drugs, food, and pesticide etc. CIRF is working as Analytical Research and Development Division and provides a comprehensive, qualitative, and quantitative profiling of biomolecular species, organic samples with high sample throughput using FTIR, UV-Vis, Fluorescence spectrometric technologies, Chromatographic, Imaging, Flow-cytometric, DLS, DSC, Modular Spectrometer and Centrifugation technique. The center helps in experimental design, analysis, and data interpretation. It promotes the skill training to students/ researchers/ industries on general principles of imaging, cell analysing, separation, identification and quantification through workshops organized at the regular intervals throughout the year with the full support of industries. The development of new analytical methods for different types of sample analysis to explore new dimensions of technology enabled R&D. <https://www.amity.edu/gurugram/central-instrument-research-facility.aspx>



**Amity Lipidomics Research Facility (ALRF)** was established in 2018, with funding from Department of Science and Technology (DST-FIST) Gov. of India and Amity University, Haryana. The purpose of establishing this facility is to provide the scientific community with state-of-the-art mass spectrometric techniques for separation, identification and quantitation of biomolecules like lipids, metabolites and proteins. ALRF provides comprehensive, qualitative and quantitative

profiling of lipid molecular species with high sample throughput using mass spectrometric technologies. <https://www.amity.edu/gurugram/lipidomics-research-facility.aspx>  
The computer labs in the university are accessible to outsiders. Amity Law School, AUH in collaboration with NTA conducted AILET-2020 for National Law Universities. A total 343 candidates appeared for this test at AUH. The university also conducted competitive examinations of Junior Court Assistant (JCA) Recruitment for Hon'ble Supreme Court of India and CUET, UGC.



The faculty at the university develops online teaching materials which is available on e-PG-Pathshala, MOODLE, Google, LMS, Website, You Tube etc. online learning resources for free access to students and others. The university conducted various webinars based on various educational and contemporary issues which is freely accessible to the students and community at large.



### **Free courses leading to certificate or award**

Amity Skills Institute with a vision to provide holistic perspective and leverage talent and capabilities of students to meet the needs of contemporary dynamic business environment introduces MOOC on 'Certification in Lean Six Sigma Foundation' in Association with Commonwealth Educational Media Centre for Asia (CEMCA) more than 1203 students participated out of which more than 600 students were from outside AUH.

## Public Events

To provide access to educational resources, AUH organizes guest lectures, conferences, counselling sessions, visits of international students and delegates. Some such events are: motivational talk by Nobel Laureates Shri Kailash Satyarthi, Prof Muhammad Yunus, H. H. Dalai Lama. Other significant workshops/lectures delivered by very renowned academicians, to name a few, Prof (Dr.) Tarun Khanna from Harvard Business School USA, Prof. C. H. Chuang from Taiwan and Dr. Anil Sahasrabudhe, chairman of National Educational Technology Forum (AICTE).

AUH hosted a round table discussion on “**Indo-Italian Roundtable Discussion on Innovation and Technology for Ecosystem Restoration and Clean Environment**” chaired by Dr. Alessandro Agostini from Italy. These events hosted by the university were open to academic fraternity all over the world.



#ExpertTalk | #OrientationDay2021



Mr. Anil Bhasin  
President, Havelis India Ltd (Superannuated)  
Motivational Speaker | Life Coach | Guide



Mr. Ashutosh Chadha  
Director & County Head,  
Government Affairs & Public Policy, Microsoft



Mr. Sharad Gupta  
Director - Corporate Communications &  
Brand Strategy, Vice President &  
Head- Innovation Labs, Escorts Limited



Dr. Samir Kapur  
Director- AdFactors PR

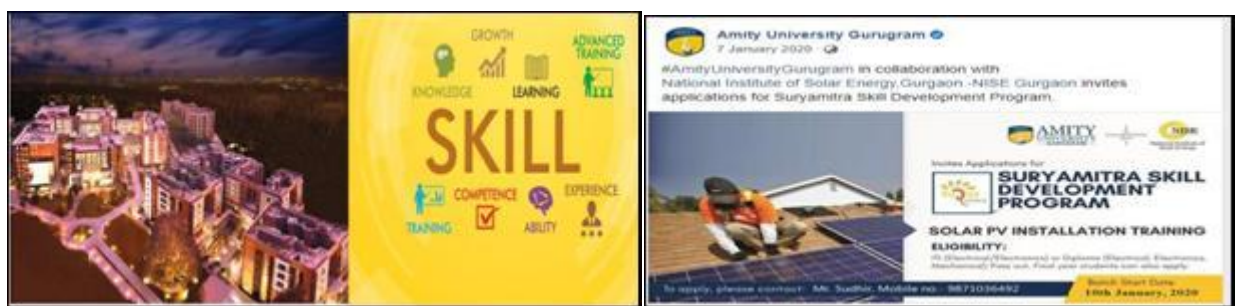
These lectures based on national and international real world problems were meant to create awareness on the sustainable development goals that motivated participants by addressing issues pertaining to education, global skill sets, mental health, well-being, environment conservation, climate change etc. for social upliftment.

## Vocational Training- Lifelong Learning

AUH provides vocational training to the students through its numerous programmes that involves stakeholder in creating the products. The shows/ exhibitions organized by the school impart hands

on training to the students in creating and designing of innovative items/products.

AUH also offers certification programs in partnership with local and government organizations such as National Skill Development Council (NSDC), Ministry of Tourism, Ministry of New and Renewable Energy (MNRE) for providing access to higher education and workplace readiness which in turn helps in the upliftment of the rural and urban community. The university is imparting skill-based training to the community through its programme like Suryamitra, Unnat Bharat Abhiyan etc. for setting-up small, self-sustaining businesses. The Unnat Bharat Abhiyan mission provides them support in terms of business development, knowledge and skills for running a nano or micro business, access to finance, and access to markets. These programs conducted by experts, make the students self-reliant and help in eradication of poverty, another important sustainable development goal.



Along with certification programs offered in the university, the Amity Skill Institute organizes and conducts several activities in the areas of communication, yoga and health, hospitality, arts, and management for the outsourced local staff and transport personnel's working in the university. These activities help in improving and grooming their personality.

### Education Outreach activities beyond Campus

The university ensures inclusive and equitable quality education and promotes lifelong learning opportunities for all. Going beyond the horizons of textbooks and making something innovative is certainly a measure to improve an individual in practical terms. The university has adopted nearby five villages for spread of education and upliftment of the rural and urban folk thereby, providing a more sustainable future for all. The students are trained to practice the values of contributing to the societal development by giving back what they have learnt. The university implements this



practice by conducting classes for the marginalized and uneducated adults in the villages adopted. The students at the university conducted activities like blood donation camps, health awareness camps, green environmental initiatives, women empowerment sessions, gender sensitization etc. which enriched the learning experiences of the students. AUH conducted many health-related awareness programs, educational activities and role plays in community areas on topics such as - prevention from anemia, International Geriatric Day, briefed villagers about discrimination, stigma and prejudices and the importance of COVID vaccination.



**International Geriatric Day**



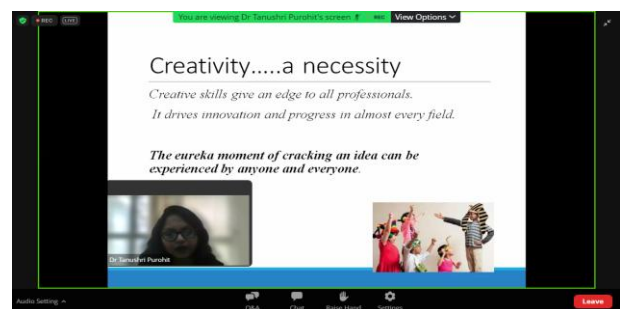
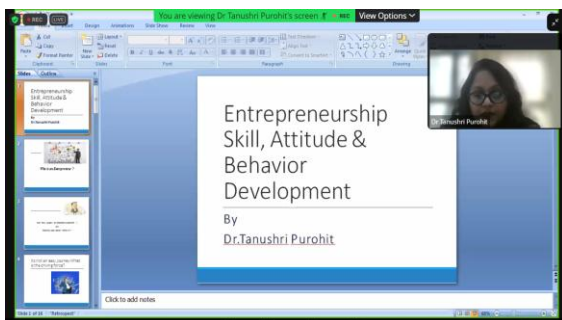
**Prevention from Anemia**

The university served the villagers during the pandemic with prepared food packets and dry food stuff to support the people during the crisis period. Catering to the needs of the society in case of any unforeseen natural calamity motivates our students to do samaritan work and help the needy in distress. The university has provided many online and offline counselling sessions to promote well-being and happiness in the lives of many people.





## INNOVATION CELL ACTIVITIES



The Innovation Cell in the university explores the role of creative thinking in our lives, and it's benefits to education, society, and individuals. Quality education imparted at the university accelerates the research ecosystem and enhances the capability of students to think out of box and develop new entrepreneurial ideas and innovative products. The university has produced a few young enthusiastic budding entrepreneurs. These entrepreneurs in future will be job creators for the youth of a nation. To conclude,

***“The Journey of Academic Excellence and Quality Education continues at Amity.....”***