



FORMER CJI, JUSTICE DIPAK MISRA; SHRI GIRISH AGARWAL, DIRECTOR, DB POWER LTD. AND DR. BERNHARD PFAHRINGER, UNIVERSITY OF WAIKATO CONFERRED WITH HONORARY DOCTORATE AT 6TH CONVOCATION 2020



6th Convocation of Amity University Haryana (AUH) was held on 1st February 2020 at its sprawling 110 acre campus that is globally acknowledged for its unparalleled academic and research excellence. The Former Chief Justice of India, Justice Dipak Misra and Managing Director (MD) of D B Power Ltd., Girish Aggarwal and globally renowned Professor of Software, Dr. Bernhard Pfahringer of University of Waikato, New Zealand were conferred upon the degrees of Honorary Doctorate by the Chancellor of Amity University Haryana, Dr. Aseem Chauhan at the glittering ceremony. While addressing the large gathering of distinguished academicians, entrepreneurs, alumni and 1636 graduands, Former

CJI, Justice Dipak Misra said, "Education is the turn key to have success and ample opportunity in life but it comes with a heavy responsibility to conduct oneself with utmost humility and integrity. You must embrace new challenges and strive to develop scientific temper and humanism to greet the rapidly changing future". He made a sincere appeal to the graduands to never rely upon short cuts for achieving success but to consider the paths adopted by extolled achievers. Education must not be perceived as something confined to the four walls of classroom. This requires us to update our knowledge base on a continuous basis concluded Justice Misra. Education opens up our creative and imaginative capabilities. Education without values is... **Contd. on Page No. 4**



"MY VISION IS TO MAKE INDIA A KNOWLEDGE SUPER POWER BY 2030"

Dr. Ashok K. Chauhan
Founder President
Amity Education Group

MESSAGES

MESSAGE FROM CHANCELLOR



It gives me immense pleasure and satisfaction to make Amity University Haryana an epitome of higher education that blends modernity with tradition and culture, where science and technology blend harmoniously with performance, progression and innovation. Amity University Haryana has been dedicated to its mission to cultivate scholars who will contribute to society by developing newer forms of knowledge and disseminate it across the globe. The university is a research-led

university, known for excellence in teaching and research and for its service to community. To ensure that every Amitian becomes a success story, the University works day and night to achieve it. Our Alumni are reaching heights in the professional world due to their holistic development at the campus. The rise is not only due to academics, but also because of the ethos and values imbibed in them.

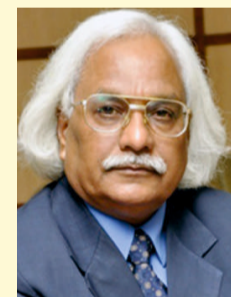
I am happy to mention that Amity University Haryana is becoming the preferred choice of students and a sought-after destination for the youthful minds where young researchers and senior scientists are bringing the best of innovative work to solve global problems.

University Chronicle is an endeavor to reflect the richness of campus life at Amity. It is also an excellent platform to showcase the innovative and creative potential of our students and faculty and staff. My best wishes to the team.

Dr. Aseem Chauhan

Chancellor
Amity University Gurugram

MESSAGE FROM VICE CHANCELLOR



Amity University Haryana (AUH) has made a highly impressive progress in academics and research during the last 10 years of journey. With over 120 patents filed, we are marching ahead to be the leading research and innovation driven university. At AUH, we provide a vibrant environment for the pursuit of quality education backed by modern amenities and world class infrastructure and dedicated faculties. AUH provides the perfect ambience for all-round personality

development to create professionals of the new age to meet the challenges of the modern industrial & business world. Events like Innovation day, Sangathan, Ami fest, Corporate meets provides abundance of opportunities to the students to exalt their innovative and creative potential during their studies at AUH.

Under the visionary leadership of our Founder President Dr. Ashok K Chauhan and with inspirational leadership of our dynamic Chancellor Dr. Aseem Chauhan, AUH has achieved global standards in education & research and has emerged as a major hub for industry centric education and cutting-edge science and technology endeavors. With the mission to train the future leaders of the corporate world, the University strives to blend modernity with tradition in each one of its students.

University Newsletter "University Chronicle" is an endeavor to reflect the richness of our campus environment that is gravitating with R & D and Innovations. It is also an excellent platform to showcase the innovative and creative potential of our students and faculty.

I extend my warm greetings to the inspired minds of the faculty and students who have made profound contributions to enrich the intellectual and innovative canvas of our university.

Prof. (Dr.) P. B. Sharma
Vice Chancellor
Amity University Gurugram

CELEBRATING THE SPIRIT OF INNOVATION: INNOVATION DAY



'Innovation Day' is celebrated at Amity University Gurugram, every year on the 28th of September, to mark the spirit of innovation and to showcase innovative practices at different Amity campuses.

The highlights of the celebrations this year were some path breaking innovations in various domains like Ayurvedic Biotechnology, Waste Water Treatment with Nano Particles, Nano structured materials for bullet proof jackets, Nano Biosensor, AI integrated Humanoid, Drone based smart agriculture, intelligent robot for firefighting and Nano energy generators for next generation electronic devices.

On this occasion a state-of-the-art, higher-end Central Instrumentation Research Facility (CIRF facility) with some of the best research equipment and instruments, such as microscope, FACS, Gel Doc, HPLC, UV-VIS Spectrometer, was inaugurated by Dr. Ashok K Chauhan, Founder President of Amity Group and Dr. Aseem Chauhan, Amity University Gurugram's Chancellor. This research facility will provide a multi user-environment and farther bolster a culture of multi-disciplinary research.

Prof. G P Talwar, the famous scientist and a Padma Bhushan recipient, known as **Contd. on Page No. 4**

RESEARCH & INNOVATION : OUR PASSION 02

RESEARCH & INNOVATION OUR PASSION

328 PhD Scholars | **52** Funded Projects Sanctioned | **287** Funded Projects Submitted | **265** Books/Chapters Published | **652** Scopus Research Publications | **125** Patents Filed

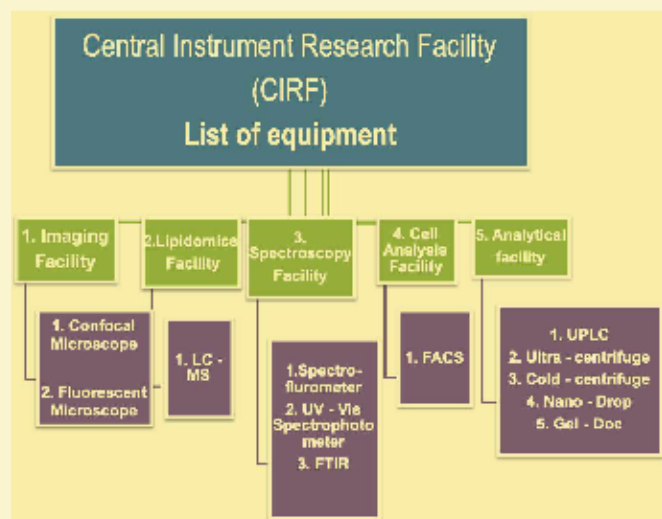
Amity University's relentless focus on research and innovation has been a consistent feature since the time of its inception. Today Amity University Gurugram is a hub of innovation, with a thriving culture of research and out of the box thinking. This vibrant culture of innovation has in fact been lauded by leading minds from around the world. At Amity the culture of research and innovation impacts everyone, and along with the faculty, many Amity students also have attained ground breaking achievements in diverse fields of study. The brilliant faculty and students of Amity are engaged in cutting-edge research projects commissioned by leading national and international organisations, institutions and universities like University of Lyon, France; DBT; Horticulture Mission; Haryana State Horticultural Development Agency; SERBDST; BRNS/BARC; AMT USA; Ministry of Earth Science; IUAC New Delhi; MNRE; and MSDE, DBT, DST, DAE, IUAC, MNRE, Ministry of Ayush, GoI among others. The research topics range from microbiology to agriculture to climate change and solar power among others. It is this very commitment to innovation that has resulted in Amity Gurugram's faculty filing 125 patents and publishing more than 3000 research papers in prestigious peer reviewed journals and publications.



Over the years, the students of Amity have proved that academically and professionally, they are a cut above the rest. Amity is not only a world-class institute, it is an experience where everyone associated is a part of a dream. We contribute to nation building in a major way. We are proud of our success.

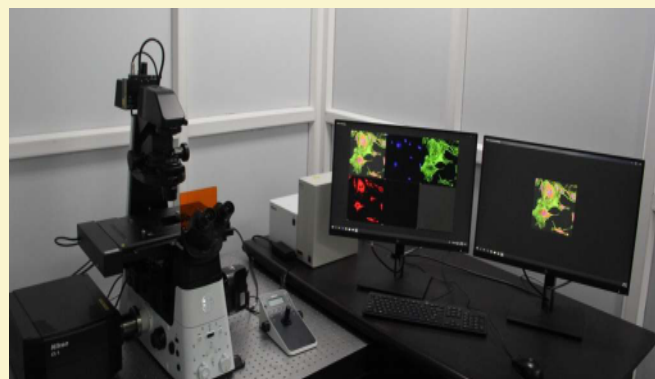
Maj. Gen. B S Suhag (Retd.)
Dy Vice Chancellor, AUH

CENTRAL INSTRUMENT RESEARCH FACILITY

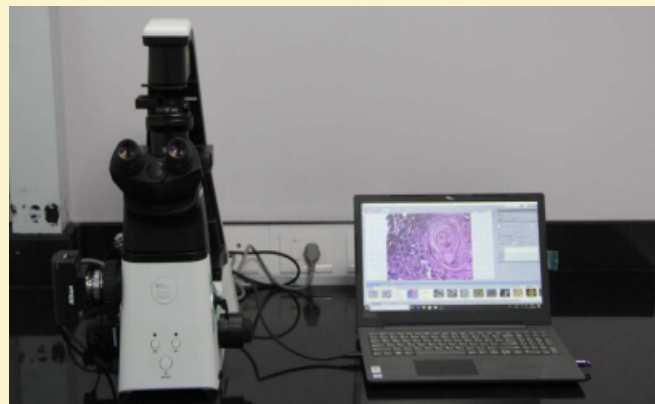


The Central Instrument Research Facility (CIRF) housed at Amity University Haryana provides a central facility of latest and advanced analytical instruments for research and for promotion of interdisciplinary research. Instruments are manned by qualified personnel. This facility is available for Amityans and other academic research institutions, Industries and organizations.

1. IMAGING FACILITY



Confocal Microscope

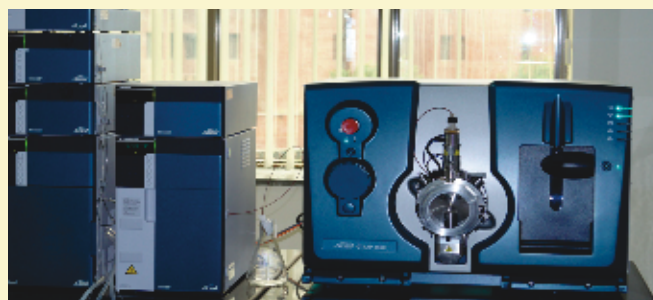


Fluorescence Nikon A1 R Microscope

2. AMITY LIPIDOMICS RESEARCH FACILITY

Amity Lipidomics Research Facility (ALRF) was established at Amity University, Haryana in 2018, with funding from Department of Science and Technology (DST-FIST), Govt. of India and Amity University, Haryana.

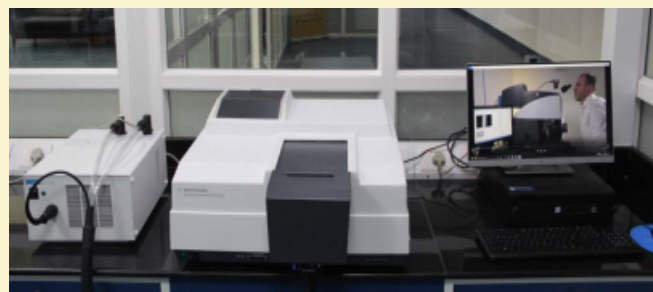
The purpose of establishing this facility is to provide the scientific community (within Amity University and external researchers, both academia and industry) with state-of-the-art mass spectrometric techniques for separation, identification and quantitation of biomolecules like lipids, metabolites and proteins.



3. SPECTROSCOPY FACILITY:- CARY ECLIPSE



Spectrofluorometer (Agilent) FTIR- Cary 630 FTIR Spectrometer (Agilent)



UV-Visible spectrophotometer:- Cary 100 UV-Visible spectrophotometer

4. CELL ANALYSIS FACILITY



FACS:- BD FACSLytic™ Flow Cytometer

DATA CENTER

The Center has received a grant and conducted a national level training programme: In-house short term industry blended training of two weeks duration under ICPS Programme of DST, on BlockChain technology. The Center is upgraded with a lot of computer hardware and systems. Currently, the Data Science Center has also submitted a 1.5 Cr core funding proposal to DBT to create a Bioinformatics Core Facility for high throughput integrated omics and upgradation of bioinformatics skilling and teaching.



THE CENTER IS EQUIPPED WITH THE FOLLOWING IT EQUIPMENTS SERVER

- 382 GB RAM, 48 Processor, 20 TB HDD
- 32 GB RAM, 8 core processor, 2 TB HDD
- DELL T640, 48 core processor, 4TB HDD, 64 GB RAM
- DELL T430, 8 core processor, 6TB HDD, 16 GB RAM
- Two servers with GPU
- Intel 8 core processor, 32 GB RAM, Nvidia GPU, 36 TB HDD

STORAGE: 05 TB | 10 TB | 20 TB | 36 TB

MASS STORAGE:

WDPR4100 | 32 TB HDD | 4GB RAM, RAID10

TO BOOK YOUR SAMPLE, VISIT WEBSITE:

<https://amity.edu/gurugram/central-instrument-research-facility.aspx>

5. ANALYTICAL FACILITY:- UPLC (ULTRA PERFORMANCE LIQUID CHROMATOGRAPHY)



Ultra centrifuge: Beckman Coulter Optima XPN-100 Ultracentrifuge Cold centrifuge: Avanti JE Biosafe cold centrifuge (Beckman Coulter)



UPLC H-Class (Waters)

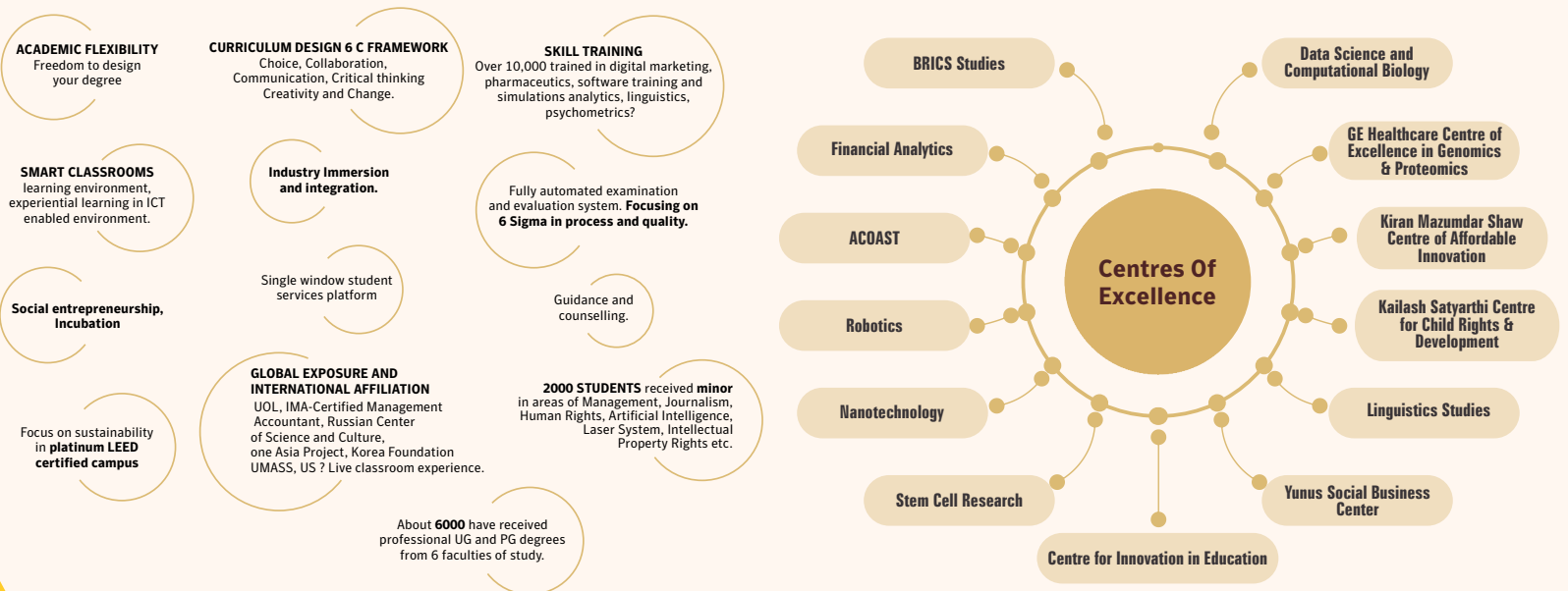
UNIVERSITY RESEARCH THRUST AREAS

- BIG-DATA & CYBER SECURITY
- BIO-TECHNOLOGY
- FINANCIAL ANALYTICS
- NANO SCIENCE & TECHNOLOGY
- PSYCHOLOGY
- STEM CELL RESEARCH
- CANCER RESEARCH
- DRUG DISCOVERY
- ROBOTICS & ARTIFICIAL INTELLIGENCE
- EPIDEMIOLOGY AND IMMUNOLOGY
- AIR POLLUTION MODELLING & FORECASTING

ACHIEVING ACADEMIC EXCELLENCE THROUGH INNOVATIONS 03



PROF. (Dr.) PADMAKALI BANERJEE
Pro Vice-Chancellor & Dean-Academics



NATIONAL CONFERENCE ON FORENSIC SCIENCE & CRIME SCENE INVESTIGATION COMPETITION



Amity University Gurugram organized a two-day National Conference on Forensic Science and Crime Scene Investigation Competition (CSI)-2019 focusing on the key areas of forensic science. The event included talks by eminent speakers, discussions, oral and poster presentations and crime scene investigation competition. More than 200 forensic experts, scientists, scholars and practitioners from across the country participated in the conference. Dr. V S Kaumudi, IPS, Director General, Bureau of Police Research and Development (BPR&D), Delhi was the Chief Guest of the day. In his inaugural he address said, "Forensic Science provides us the knowledge regarding crimes. Judges and prosecutors should also have knowledge regarding the nature of the crime scenes as intelligence agencies lacked knowledge in this particular field."

Prof. P B Sharma, Vice Chancellor, Amity University Gurugram in his welcome address said "The forensic science experts should look at 360 degree view of a crime scene as it is very hard. Profiling of people has become very important, so as it to understanding the working of organizations in our country." Prof. Padmakali Banerjee, Pro Vice Chancellor, Amity University Gurugram while motivating the students said, "We are an innovation-driven university, we must set up a Centre for Forensic Science, in which we can conduct competitions and seminars."

Other eloquent speakers for the event were Dr. T D Dogra (Former Director, AIIMS, New Delhi), Dr. Anupama Raina (Sr. Scientist, DNA Fingerprinting Lab, Dept. of Forensic Medicine and Toxicology, AIIMS, New Delhi), Dr. D K Satpathy (HoD, Dept. of Forensic Medicine and Toxicology, LN Medical College, Bhopal, MP) and Dr. S K Shukla (Director, AIFS, Amity University, Noida, UP).

STUDENTS DELEGATION PARTICIPATED IN GOOD AIR SUMMIT 2019



150 Students and Faculty Delegation of Amity University Gurugram actively participated in Good Air summit 2019 organised at JLN Stadium, New Delhi on 13th November 2019. More than 2000 participants from various schools and colleges took the pledge to make environment clean through various initiatives and awareness. Amity University Gurugram is India's only university and Asia's 2nd to be awarded LEED (USA) Platinum Certification for highest standard worldwide for environmentally responsible, design, construction and operation of existing buildings. Recently, Amity University Gurugram also hosted an International Symposium on Air Pollution to brainstorm on the innovative solutions to this problem increasing day by day. The University is committed to creating sustainable alternatives and choices to a pollution free future and 'Making India Breathe' and has introduced a new center called Amity Center for Air Pollution Control.

HIS EXCELLENCY - MR. SHIN BONGKIL, AMBASSADOR OF REPUBLIC OF KOREA, INAUGURATED THE KOREAN CULTURE DAY



Amity University Gurugram organized Korean Culture Day in collaboration with Korean Cultural Center. The event witnessed participation from various universities in and around Delhi-NCR as well as Korean community and leading Korean companies like KTC etc. operating in the NCR region. The two day event witnessed glimpses of Korean Culture which includes K-Pop Solo Singing-Inter University Competition, K-Pop Group Dance-Inter University Competition, decision making & prize distribution ceremony, Taekwondo Demonstration, Taekwondo Workshop, Samulnori performance by Samulnori team from KCCI and Korean Movie. The highlights of the event were the students' play 'The Voyage of Love: Legend of Suri Ratna and Kim Suro', and Fan Dance; K Pop singing that enthralled the audience. Distinguished Guest of Honor, Ambassador of Republic of Korea, His Excellency Mr. Shin Bongkil in his inaugural address emphasized on the rapid growth in the bilateral relations including economic opportunities and cultural exchanges.

He applauded Amity School of Languages for its academic endeavors in promoting Korean language by including it in its syllabus being offered to Indian students. Professor Vjayanti Raghavan, CKS, while addressing the audience emphasized on the role Korea plays in the South East Asian political and cultural dynamics. Dr. Aseem Chauhan, Chancellor, Amity University Gurugram emphasized on the role of a foreign language in

collaborations and interactions between countries and cultures. Till now, Korean language is only offered in AUG but observing the growing popularity and demand in the corporate field of Korean speaking language professionals, Korean language as a subject will also be included in the other branches of Amity University, Dr. Chauhan added. Prof. P B Sharma, Vice Chancellor, Amity University Gurugram in his speech 'India's Cultural Heritage for Global Peace and Harmony' explained about the importance of foreign culture and said, "It has gradually become very important to have interactions at a cultural level. Prof. Padmakali Banerjee, Pro Vice Chancellor, Amity University Gurugram stated that the Korean products like LG, Samsung, Kia have become an integral part of our lives and there are progressive economic ties between these two countries.

Prof. A K Tiku, Head of Department, Amity School of Languages in his welcome address said, "The aim of this program is to promote Korean Culture and language among the youth of India. These events and many more such planned activities will not just ensure an overall academic development of students but also enrich and sharpen their social acumen to mould them into a better version of themselves. Promoting bilateral ties is also in line with the Govt. policy of developing strategic relations with Korea."

INTERNATIONAL SEMINAR ON RAMAYANA IN THE CONTEMPORARY CONTEXT: SCIENCE, CULTURE AND ART



Amity University Haryana organized an International Seminar in collaboration with the Ayodhya Research Institute, Department of Culture, Government of Uttar Pradesh on the theme of "Ramayana in the Contemporary Context: Science, Culture and Art". The seminar was meant to bring together a cross-section of educationists, teachers, researchers, educational planners and administrators, academicians as well as students who shares the love for Ramkatha. While addressing the audience, Mr. Akhilesh Mishra (Chief Guest), Director General, Indian Council for Culture Relations (ICCR), New Delhi said, "ICCR organizes 'International Ramayana Festivals' in which the delegates from Muslim countries of South East Asia also participates. Ramayana is a source of inspiration for all people under all conditions of life. The message of Ramayana is timeless which is of self-sacrifice for upholding of values. Lord Rama is an embodiment of dharma and all must conduct as per their dharma". While discussing the importance of the Ramayana, Dr. Yogendra Pratap Singh (Guest of Honour), Director, Ayodhya Research Institute, Department of Culture, Government of Uttar Pradesh, India said, "Rama never said NO in his life, even for his marriage and while going to banvas". Dr. Singh further said that having travelled most of the South East Asian countries, he is never asked the question 'whether Ram was born or it is a myth?', but in India I face such question'. "Even in Iraq, a sculpture of Lord Rama and Hanuman is found which is four thousand years old. Entirety of human values which are found in Lord Rama are not there in Buddha or Krishna", concluded Dr Singh. Dr. Saroj

Bala, Director, Institute of Scientific Research on Vedas (I-SERVE), Gurugram informed the audience that Valmiki's Ramayana was first narrated by Luv & Kush in Ayodhya, which brought tears to Ayodhyavasis over the fate of Sita. She further added that Valmiki Ramayana is a combination of Science, Arts, and Culture which is the theme of present conference. Prof. P B Sharma, Vice-Chancellor, Amity University Haryana in his address said, "Triumph of truth prevails over untruth. Strength, Discretion, Power and well-being of others should be our motives to lead our lives as advised in Ramayana". Prof. Shashibala, Dean, Centre for Indology, Bharatiya Vidya Bhavan, Delhi; Prof. Ghulam-Sarwar Yousof, Cultural Centre, University of Malaya, Kuala Lumpur, Malaysia; Dr. Rachna Bimal, Satyawati College, Delhi University & freelance journalist (Hindi); Prof. S P Gautam, Member, M.P. Public Service Commission, Indore, India; Ms. Anita Bose, Artist, Author, & Guide of National Museum, Bangkok, Thailand; Prof. Dipti S Tripathi, Former Head-Department of Sanskrit, Delhi University & Former Director- National Manuscript Mission, Ministry of Culture, Govt. of India; Dr. E.G.W.P. Gunasena, Dept. of Languages, Cultural Studies and Performing Arts, University of Sri-Jayawardanapura, Gangadawila, Colombo, Sri Lanka; Ms. W.M.A Damayanthi, Faculty, Department of Indian & Asian Dance, University of the Visual and Performing Arts, Colombo, Sri Lanka; Prof. S K Jha, Director, ASLA; Dr. Sanjana Vij, Ass. Prof. Ali Tariq and students were also present on the occasion.

PEARL OF INNOVATIONS: PATENT FILED

INVENTION: A METHOD FOR PRETREATED CHITOSAN ENCAPSULATED EXUDATE FROM FICUS RACEMOSA AND ITS HEPATO-PROTECTIVE EFFECT PATENT

INVENTORS



Saurabh Bhatia,
Amity Institute of Pharmacy



P. B. Sharma,
Vice chancellor



Seema R Pathak ,
Amity School of Applied Science

ABSTRACT OF INVENTION

The present invention relates to the field of hepatoprotective effect of freeze dried chitosan encapsulated exudate from Ficus racemosa. The present invention in particular relates to a method for pretreated chitosan encapsulated exudate from Ficus racemosa and hepatoprotective effect of freeze dried chitosan encapsulated exudate from Ficus racemosa

INVENTION: A SYSTEM AND METHOD OF DETECTION OF ANDROGENS AND ANTI-ANDROGENS IN WATER WITH SEAP ASSAY PATENT

INVENTORS



Gargi Bagchi,
Associate Professor,
Amity Institute of Biotechnology



Rajendra Prasad,
Dean- Research,
Amity University Haryana

GUNJAN DAGGAR

ABSTRACT OF INVENTION

The present invention relates to system and method of detection of androgens and anti-androgens in water with SEAP assay. This assay allows the detection of androgens and anti-androgens in water at very low concentration (picomolar) to very high concentration (uM)

INVENTION: A METHOD OF SYNTHESIS OF YTTRIUM IRON GARNET (YIG) NANO-MATERIALS AS SOURCE OF CLEAN AND GREEN ENERGY PATENT

INVENTORS



Atul Thakur,
Amity Institute of Nanotechnology

ABSTRACT OF INVENTION

The present invention relates to the method of synthesis of Yttrium Iron Garnet (YIG) nano-materials as source of clean and green energy

INVENTION : FABRIC WITH SELF CLEANING PROPERTY PATENT

INVENTORS



Monika Vats,
Department of Chemistry, ASAS



Arvind Chhabra,
Director, Stem Cell Institute



Jyotsna Sharma,
Department of Physics, ASAS



C M Srivastava,
Centre for Polymer Science, ASAS



Shatendra Kumar,
Sharma, USIC, JNU

ABSTRACT OF INVENTION

The present invention relates to the synthesis of Fe₃O₄ and TiO₂ based hybrid nanoparticles coated fabric for anti-microbial, anti-mycotic, self-cleaning properties. Most particularly, it is concerned with anti-microbial, anti-mycotic and self-cleaning nanoparticle coated cloths that can be used to develop water proof & thermally insulated items such as tents without lamination, bags, and other clothing materials for defense and travel needs, as well as for other commercial applications. The present invention is also an attempt to decode the ancient science and textile technology prevalent at the times of Ramayana, wherein Goddess Sitaji was presented an Anti-microbial, Anti-fungal, Anti-dust dress having self cleaning properties by Sage Ansuyya at Chitrakoot

INVENTION : A SYSTEM AND METHOD OF SILVER NANOPARTICLE BASED DETECTION OF ADVANCED GLYCATION END PRODUCT PATENT

INVENTORS



Ranjita Ghosh Moulick
AIISH, AUH

ABSTRACT OF INVENTION

The present invention relates to a system and method of silver nanoparticle based detection of advanced glycation end product. In the method a varying colour is observed when AgNPs are synthesized using the templates of glycated HemoglobinA0 (generated by in vitro method and AGE formation is confirmed). It is observed that these templates easily synthesize AgNPs when mixed with silver salt and the reducing agents. The colours differ from that of the control solutions indicating role of AGEs in synthesis of the nanoparticles. The AGE formation corresponds to the Surface Plasmon of the AgNPs formed. Thus, AgNPs can be used as an easy, low cost optical indicator of AGEs.

PEARLS OF INNOVATION (PATENTS)

Amity University Gurugram has always been on the forefront of Research & Innovation : Our Brilliant faculty has filed more than 125 Patents in last years. Some of the prominent patents are:-

INVENTIONS / INVENTORS

FABRIC WITH SELF CLEANING PROPERTIES

• Monika Vats • Arvind Chhabra • Jyotsana Sharma
• CM Srivastava (Stem Cell Institute, ASAS, AUH)
• Shatendra Sharma (JNU, Delhi)

A METHOD TO CULTURE AND IDENTIFY FUSARIUM SOLANI CAUSING STEM ROT AND WILT OF LUCKY BAMBOO (DRACAENA SANDERIANA)

• Dr. Narendra Kumar (AUH)

A CELL-BASED ASSAY USING HOUSE DUST MITE IN RAT MAST CELL LINE, RBL-2H3 TO MEASURE

• Rakesh Kumar Singh (AIP, AUH) biomarkers relevant in pulmonary inflammation

A SYSTEM AND METHOD FOR THE PREDICTION OF COEFFICIENT OF

CONSOLIDATION FOR DIFFERENT WASTE MATERIALS PRESENT IN LANDFILL SITES

• Naveen. B.P • Sivapullaiah.PV (ASET, AUH)

A METHOD FOR PRETREATED CHITOSAN ENCAPSULATED EXUDATE FROM FICUS RACEMOSA AND ITS HEPATOPROTECTIVE EFFECT

• Saurabh Bhatia • PB Sharma • Seema Pathak
• Viveak Ballyan • Sandeep Sharma (AIP, ASAS, AUH)

A METHOD OF SYNTHESIS OF YTTRIUM IRON GARNET (YIG) NANO-MATERIALS AS SOURCE OF CLEAN AND GREEN ENERGY

• Dr. Atul Thakur (AINT, AUH)

A SYSTEM AND METHOD FOR ACCUMULATIVE TUBE BONDING FOR SEVERE PLASTIC DEFORMATION

• Dr. Sanjeev Sharma (ASET, AUH)

A SYSTEM AND METHOD OF SILVER NANOPARTICLE BASED DETECTION OF ADVANCED GLYCATION END PRODUCT

• Ranjita Ghosh Moulick (AIISH, AUH)

A LOW COST METHOD OF MASS CLONING OF PLANT {TYLOPHORA INDICA (BURM. F) MERRILL} USING LIQUID MEDIUM

• Manju Anand (AIB, AUH)

A SYSTEM AND METHOD OF DETECTION OF ANDROGENS AND ANTI-ANDROGENS IN WATER WITH SEAP ASSAY

• Gunjan Dagar • Rajendra prasad • Gargi bagchi (AIB, AUH)

A METHOD OF PREPARATION OF A LOW CALORIE AND CALCIUM RICH PLANT BASED MAYONNAISE

• Luxita Sharma • Zarrin Ashraf (AMS, AUH)

AMICON III- TWO DAYS CONFERENCE OF OPTOMETRY & VISION SCIENCE

Department of Optometry & Vision Science Amity Medical School, Amity University Haryana, conducted two days conference of Optometry & Vision Sciences and inter- college competitions. Through this conference Amity aimed at Promoting Research and Innovation in Optometry. There were more than 550 delegates from 18 different colleges all over India. It was a 2 day event consisting of knowledgeable lectures, free scientific paper competition, poster competition where students from 8 colleges participated. Technical Session of Computer Based Vision Therapy in Amblyopia, Enhancing distance vision for the visually impaired and low vision and ocular prosthesis workshop was also conducted in parallel.

On Day 2 of AMI I CON III, Skype lecture on Behavioural Optometry in Action : Improving your child examination followed by Refraction in Binocular Vision : Clinical tips and Pearls, Optical Management of strabismus and Recent management of amblyopia were conducted. All students and faculty got their knowledge upgraded, by lectures from experts in field.



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INNOVATION DAY 2019

father of Indian immunology praised Amity University as a research & innovation and mission oriented university which is rare in Indian universities. Dr. Talwar invented vaccine for leprosy which is equally effective in treating drug resistant tuberculosis. He further added that he is working on developing a vaccine on terminal cancer for which will be suitable for any type of cancer.

Dr. Ashok K Chauhan in his address to university faculty, research scientists and students said obstacles come in life but we have to learn to get out of it. He further added, "I breathe innovation, dream innovation and sleep innovation. What we teach in Amity are Sanskars & values which are not taught in Harvard or MIT's."

Dr. Aseem Chauhan emphasized on the need for path-breaking research for the development and welfare of society and the nation. He said, "The change we see today is because of the hard work of researchers who made it possible". He further said, "Our students and faculty have the competence and the responsibility to work towards the development of our nation".

In his inaugural address, Prof. PB Sharma, Vice Chancellor, Amity University Gurugram shared that Amity University Gurugram has attained an exemplary achievement of filing 100 patents in just 1 year in varied areas and set a target to file 200 patents in the next year. Prof. (Dr.) Padmakali Banerjee, Pro Vice Chancellor, Amity University Gurugram stated that innovation and Amity are synonymous. Talking about excellence in education she shared Amity's academic framework of 6 C's that focuses on creativity and critical thinking among others.

Prof. Liz Maw, President of Presidio Graduate School, USA was conferred upon with Honorary Doctorate degree. She talked about Amity's sustainable leadership and entrepreneurship.

Prof. Rajendra Prasad spoke on the research and development in the university. He informed the audience that 24 projects of Rs. 9 crores have been awarded to AUH, including several prestigious international projects. The major focus is on Data Science. He further informed about the Centers for Excellence in Lipidomics, Infection Diseases, Nano Technology, Stem Cell, Robotics and AI which have been established in Amity University Gurugram.

The focal point of the event was the innovative projects by the students of Amity across the campuses in all areas including Science, Technology, Biotechnology and Liberal Arts. The day concluded after students' innovative vigour and zest culminated into a colorful, cultural show by various institutes of Amity Gurugram.

MOU SIGNED WITH GENNOVA BIOPHARMACEUTICALS, PUNE

Amity University Haryana signed Industry linked MoU with Gennova Biopharmaceuticals, Pune on 13th Nov 2019 at CIRF lab, Amity Institute of Biotechnology. MoU was signed by Dr. Sanjay Singh, CEO, Gennova, Biopharmaceuticals and Prof. P B Sharma, Vice Chancellor, Amity University Haryana in the presence of Dr. Rajendra Prasad, Director, Amity Institute of Biotechnology with other faculty members. Through this collaboration, Genova Biopharmaceuticals extended its research support to strengthen the industry - oriented syllabus of Biotechnology and Data Sciences courses. Gennova, Biopharmaceuticals will also provide 3-4 months, short term and 6- 10 months, long term internship to Amity Gurugram students every year. Possibility of conducting joint Ph.D Program shall also be explored over a course of this strong association. Industry Linked Course Structure provides better employment opportunities and strengthen the industry-academia relations said Prof. P B Sharma, Vice Chancellor, AUH



GUEST LECTURE ON MOLECULAR BASIS OF UNDERSTANDING CANCER ORGANIZED BY AMITY INSTITUTE OF PHARMACY

Amity Institute of Pharmacy organized guest lecture on Molecular Basis of Understanding Cancer by Dr. Deepak Kumar, Meharry Medical College School of Medicine, USA, Director & Professor Julius. L. Chamber BBRI and Dr. Anil Shanker, North Carolina Central University, Professor of Biochemistry, Cancer, Biology, Neuro Science and Pharmacology. The main objective of the event was to impart knowledge of the molecular machinery involved in cancer and role of immunity.



Dr. Deepak Kumar talked about the molecular mechanism of the cancer and how the molecular markers are responsible for the prognosis of cancer. Dr. Shanker talked about how to understand the molecular basis of functional crosstalk between the innate and adaptive lymphocytes, with a particular focus on preventing immune escape of solid tumors.

#SOCIALRESPONSIBILITY

Amity University Gurugram's very own Ek Awaaz- Amity's Dramatic Society, performed a Street Play on Mental Health at Rangrez- National Theatre Festival at Chitkara University, Chandigarh. The play showcased a variety of mental health illnesses ranging from Schizophrenia to depression. The team won many hearts and left the audience and the judges awestruck.

Representing the university on such a grand level and giving such an amazing performance made all participants feel really proud. extremely proud.



Amity School of Communication organized an awareness talk in support of Protect Your Mom campaign, which focuses on Breast Cancer Awareness and Hair Donation for Chemo patients. The event included Introduction and Presentation on breast cancer and the campaign, Film Screening & Questionnaire through Video Conferencing.



DRUG ABUSE SESSION BY NCB

Legal Aid Cell of Amity Law School, Amity University Haryana (AUH) organised an awareness session on Drug Abuse. The session was conducted by Narcotics Control Bureau to make the students understand the ill-effects of Drug Abuse and also, make them ambassadors of spreading awareness regarding the same in the society. Ms. Sarita Kataria, Inspector, Narcotics Control Bureau, addressed the audience.

The Session started with a pantomime, presented by the students of Amity Skill Club and Law Wale Society. The students depicted the ill-effects of consuming drugs and such substances and delivered a message that individual efforts are required to contain the evil of Drug Abuse that is corrupting the young minds of present generation.

During the lecture, Ms. Sarita Kataria discussed about different types of drugs, the reasons behind consumption of drugs, people falling prey to drugs, softer to harder drugs, effects of drugs on youth, physical symptoms and behavioural symptoms of drugs consumption, social, legal and economic costs associated with drug abuse.



Contd. from Page No. 4

CONVOCATION 2020

meaningless. If you have the skills but don't have the values then the objective of becoming an educated person becomes otiose.

In his motivational notes, the renowned media entrepreneur, Girish Agarwal advised the graduands that there is nothing sequential in the corporate world. Your success will depend on how do you remain truthful to yourself and continue to learn and keep yourself skilled throughout your life. He further added that achievers are made by their inner will and undeterred convictions. The digital age requires continuous innovation and a great sense of responsibility on all the citizens of the world, Dr. Bernhard responded while receiving the honorary doctorate. The Chancellor of Amity University Haryana, Dr. Aseem Chauhan urged upon the graduands to recognize their mission in life and to follow it with utmost passion and integrity. He further added that failures are the pillars of success. However circuitous the path may seem, one should always remain focused with discipline and he also advised to be humble and make excellence a part of one's everyday life and success would begin to follow, opined, Chancellor, Dr. Aseem Chauhan. Widely acknowledged academician and Vice Chancellor of Amity University Haryana, Prof. P.B. Sharma blessed the students and laid his unshakable thrust upon self discipline and life long learning. He added that the professionals of the new knowledge age, are equipped with the capabilities of creating a better tomorrow. He inspired the younger generation to excel in the chosen fields of endeavor and to bring glory to their parents and Alma-Mater said Vice Chancellor, Prof. Sharma while presenting the Vice Chancellor's report at the Convocation. Specially mention was made by Prof. Sharma of the world class research facilities like Center of Excellence in Robotics and Artificial Intelligence, Centre of Lipidomics and higher end central instrumentation facility.

A total of 1636 graduands of various programs, including Engineering & Technology, Management, Applied Sciences, Journalism & Mass Communication, Medical Sciences, Languages and Commerce, received UG and PG degrees; besides 58 Gold Medals, 52 Silver Medals and 53 Bronze Medals were bestowed on the top rankers. 28 students were awarded PhDs and meritorious students from different institutions were felicitated with Dr. Ashok K. Chauhan Scholarships and "Baljeet Shastri Awards" at the convocation. Honorary professorship was conferred on Mr. Leon Choong, Regional CEO (ASEAN) for his outstanding contributions in the field of Education and Entrepreneurship and Ms. Candida Chandorkar, Director Education and CSR and Chairperson North America of Tata Technologies for her outstanding contribution to education and corporate excellence. Other distinguished persons presenting at the Convocation included Trustees of RBEF Shri Anand Chauhan, Shri Ajay Chauhan, Shri BPS Chauhan, Shri Ajit Chauhan, Shri Abhay Chauhan, Shri Amol Chauhan, Dr. Ajit Nagpal, President of Amity Foundation for Science and Technology Innovation, ASTIF Dr W Selvamurthy, Deputy Vice Chancellor Maj. Gen. B S Suhag (Retd.), Maj. Gen. G S Bal (Retd.), Eminent Scientist Dr. Ajit Verma, Dr. VK Jain, Dr. Rajendra Prasad, Dr. UN Singh and Maj. Gen. P K Sharma (Retd.) were also present. Convocation 2020 remained a day of great joy and exhilaration for the graduands and their parents who went down the memory lane, reminiscing university days while re-uniting with their friends and Alma mater. All the graduands, donned beautiful black robes with caps and colored scarves representing diverse UG/PG programs. Convocation 2020 marked yet another significant milestone in the life of Amity University, Haryana, a University excelling in research and innovation with strong industry integration.

AMITY GURUGRAM MARATHON GETS BIGGER WITH OVER 20,000 RUNNING ENTHUSIASTS THIS YEAR



THE AMITY GURUGRAM MARATHON ENCOURAGES RUNNERS ACROSS 30 NATIONALITIES TO PROMOTE A FIT AND HEALTHY LIFESTYLE

The enthusiasm and energy ran high on the day of the Amity Gurugram Marathon with over thousands of runners participating in the marathon trail from Leisure Valley, sector 29, Gurugram. The seventh edition of the Amity Gurugram Marathon witnessed around 20,000 running enthusiasts from 30 diverse nationalities. This is undoubtedly one of the biggest marathons in the National Capital Region. The event is also accredited by the Athletic Federation of India.

Amity Gurugram Marathon this year saw participants right from corporate honchos, renowned International runners, CEO's, Doctors to professional athletes and kids running for healthier and fitter life. The runners took part in six different formats for all age groups - full marathon, half marathon, timed 10k and 5k, 5km senior citizen run and 5km kids run.

While addressing the huge gathering, Chancellor of Amity University, Dr. Aseem Chauhan motivated the participants and said,

"It is great to see thousands of people from different walks of life participating for better health and fitness. Running is not just about physical stamina and controlling stress but it also boosts the body's ability to deal with existing mental tension. This Marathon not just encourages diversity, fitness and holistic development but also helps in creating a positive impact through raising awareness on pressing issues such as environment pollution, women empowerment, illiteracy and citizen's safety".

This is yet another initiative by Amity University towards nation building through sports. Other such unique endeavors include being the official University Partner of the Indian Olympic Contingent to Rio Olympics, Official Training Partners of the XIX Commonwealth Games, Official University Partners of IPL, ISL & IPTL & Amity Polo & Golf Tournaments amongst others.

Some eminent names present at the Marathon included Mrs. Divya Chauhan, Mr. Amol Chauhan and Prof. (Dr.) P B Sharma, Vice Chancellor, Amity University Gurgaon along with top police officials, eminent doctors and thousands of people.

WINNERS: The first position in the 42.2 Km Male category was won by Mikiyas Yemata Lemlemu from Ethiopia who clocked a timing of 2:27:01. The second position was won by Pan Kimeli-Cheptoo from Kenya with a timing of 2:27:35 and the third position was won by John Kipkorir-Rutto, also from Kenya, finishing at 2:30:25.

In the female full Marathon category Elizabeth from Kenya ran away with the gold medal (timing 3:01:31), Divyanka Chaudhary from Haryana won the silver medal (timing 3:06:00), while Prita Rani, also from Haryana secured the bronze medal with a timing of 3:27:58.

The winners of the half Marathon (Male Category) was Brimal Hpruto from Kenya who clocked at 1:09:03; second position was secured by Geofry Kiprof from Kenya at 1:09:16; and the third position was won by Robin Singh from Haryana who crossed the finishing line in 1:11:44.

In the female category of Half Marathon the winner was Moika Athare from Maharashtra who crossed the line in 1:22:49. Anita from Haryana clocked at 1:25:13. While Pooja from Delhi won the bronze medal with a timing of 1:33:33.

AMIFEST 2020: SPIRIT OF ENTHUSIASM & EXUBERANCE

Amifest, the two-day management and technical fest organized every year by Amity University Haryana ushers in the spirit of enthusiasm and exuberance among the youth. The fest was held on 19th and 20th February this year.

Students and faculty of AUH organized more than 80 events and participated in them. Their fervor and zeal made Amifest 2020 a grand success. More than 1000 students from Amity University Haryana participated in different competitions organized as part of the fest. The participation of students in the events was a testimony of their leadership skills, and their willingness to contribute in making AUH a repository of talent.

There were approximately 500 prize winners in two categories- first and second. The event included Singing, Dancing, Mono Acting, Open Mic, Rap Battle, DJ war, Robo Race, Beg Borrow Steal, Spot Painting, Pani Puri, AUTOCAD, Flashmob, Heads Up among other exciting events and nail-biting competitions.

A total of 30 colleges and universities from across India participated in Amifest 2020. This included some of the colleges from Delhi University (Deen Dayal Upadhyay College, DCAC, Hindu College), GITM and other reputed universities of Delhi NCR such as IGNOU, G.D.Goenka, K.R. Mangalam, North Cape University, Bharti Vidyapeeth, SGT University, KIIT University, and Luxury Connect Business School. More than 200 students from these institutions participated in different events during the two-day fest.

All the participants were encouraged and supported by a huge audience comprising members of the faculty, staff and students of the university. Theatre Fest ABHIVYAJNANA was also organized by Amity Dramatic Society 'Ek Awaaz' in which more than 15 teams participated. Ten events were organized for faculty and staff like Freeze Dance, Arm wrestling etc. The main events comprising of events like Battle of Bands, Group Dance, and Fashion Show - was organized on the 19th and 20th Feb 2020.



ANVESHAN - A 2 DAY STUDENT RESEARCH CONVENTION HELD ON 16-17TH, JANUARY 2020



Amity University Haryana in collaboration with Association of Indian Universities organized ANVESHAN 2019-2020, a two day Student Research Convention (North Zone) on 16th – 17th January at Amity University Haryana.

ANVESHAN is organized every year in five different zones of the country (i.e North, South, Center, East and West). This year AUH hosted this prestigious event.

The idea of organizing ANVESHAN is to identify young talents with research aptitude and interest to take up research as a career option, to promote the talent in research throughout the country, to nurture the talent through specialized training and education in some of the nationally and internationally reputed premier institutions of higher learning in the country and to provide proper incentives to enhance the skill of the students with potential.

Around 85 students from 15 Universities of Northern Indian States (LPU, Manav Rachna University, SGT University, Ch. Bansi Lal University, NDRI-Karnal, etc.) had participated in this two-day event.

The Chief Guest of the inaugural function was Dr. (Mrs.) Pankaj Mittal, Secretary-General, Association of Indian Universities.

The awards were divided into five categories which included Agriculture, Basic & Applied Sciences, Engineering & Technology, Health Sciences, and Allied Subjects, Pharmacy, Nutrition, etc. and Social Sciences, Humanities, Commerce and Law (Objective and Result Oriented Projects). Winners from each category in Zonal level competitions were eligible to participate in the National level Student Research Convention. The final winners at National Level students' research convention were awarded Cash Prizes along with Certificates and Mementos. The amount of Cash Prize for first position holders was Rs. 75,000, second Position Rs. 50,000, and third position Rs. 25,000. One best project was also selected across all the five categories to be awarded a Gold Medal along with the cash prize and certificate.

Dr. Amrendra Pani, Assistant Director, AIU talked about the economic growth in India and he also emphasized the role of the youth in research & innovations.

Prof. (Dr.) P B Sharma, Vice-Chancellor, Amity University Haryana while motivating the students said, "Programs like ANVESHAN are for making a better India. Research and Innovation require no money but the idea only."

Sh. P. Somarajan, CEO, Atal Innovation Foundation, IIT, New Delhi; Prof. (Dr.) P B Sharma, Vice Chancellor, Amity University Haryana; Dr. Padmakali Banerjee, Pro-Vice Chancellor, AUH; Prof. S.N. Sridhara, Director, ASET; Dr. Sunil Sikka, Associate Professor, ASET; and Mr. Manish Bharti, Assistant Professor, ASET were also present with participants, faculty and students.

" OMEGA-3 FATTY ACIDS HELP IN REGULATING THE CHOLESTEROL AND HEART DISEASE," SAID PROF. PRESTON MASON FROM HARVARD AT LIPID MEETING 2019



Amity University Haryana organized a two day International Symposium on "Lipid in the forefront: A lot more to discover" under the patronage of renowned Biotechnologist Prof. Rajendra Prasad, Dean, Research & Director, Amity Institute of Biotechnology and Amity Institute of Integrative Sciences and Health.

Prof. Preston Mason of Harvard Medical School discussed about the new insights into mechanisms of action for Omega-3 Fatty acids in regulating cholesterol and heart disease. He explained that they play several important roles in our body including providing energy and helping in proper digestion and absorption of food. Lipidomics is the popular platform to identify and profile the entire lipid repertoire in a particular cell, be it bacteria, plants or animals. The study of lipids and their role in cell dynamics, signaling health and diseases are emerging as frontal areas of research. We at Amity Lipidomics Research Facility – ALRF are actively doing research on various aspects of Lipid Biology pertaining to host-pathogen interaction, drug resistance and debilitating diseases such as cancer and tuberculosis.

In the continuation of the National Symposium held three years before, AUH inaugurated the International Symposium in the presence of eminent scientist Prof. Preston Mason of Harvard Medical School, USA along with Prof. Judith Berman of Tel Aviv University, Israel; Prof. Robert Arkowitz, University of Nice; and Prof. Martine Bassilana from Université Côte d'Azur, France joined hands with the SERB Distinguished Fellow and Eminent Lipid Scientist Prof. Amitabha Chattopadhyay of CCMB, Hyderabad along with Prof. K. N. Balaji, IISc Bengaluru; Dr. Saikat Bhattacharjee from RCB, Faridabad; Dr. Shailza Singh, NCCS, Pune; Dr. Arvind Ramanathan, INSTEM; Dr. Anand Bachhawat, IISER, Mohali; Dr. Malathi Srinivasan, CFTRI; & Dr. Avinash Bajaj, RCB, with research scholars from all over the country to discuss and work together which will create an infusion of scientific creativity and will help the knitted 'lipid community' at the international level. Prof. Judith Berman of Tel Aviv University, Israel gave her talk on cellular and genetic consequences ofazole antifungal treatment, including the role of intracellular drug targeting, on pathogenic yeasts Candida, a causative agent for many hospitals acquired infections.

Prof. Amitabha Chattopadhyay, CCMB, Hyderabad described the importance of Cholesterol, the predominant sterol in higher eukaryotes, discussed its crucial role in maintaining the structure and organization of cell membranes and is involved in essential cellular processes in health and disease. Prof. Robert Arkowitz, University of Nice presented the role of acidic phospholipids function and distribution in fungal pathogen management. He also discussed the role of G proteins as a critical component for filamentous growth, antifungal drug sensitivity, and virulence in the opportunistic fungal pathogen Candida albicans. Prof. Martine Bassilana from Université Côte d'Azur, France shared her findings on the Candida albicans' ability to switch between different morphological states is associated with its adaptability and pathogenicity.

She elaborated on the mechanism of active endocytosis to counterbalance exocytosis at the hyphal tip and role of membrane lipids and proteins.

Prof. K. N. Balaji IISc. Bengaluru delivered a talk on the role of accumulated lipids in mitigating the effects of anti-TB drugs against the intracellular bacteria. Dr. Arvind Ramanathan, INSTEM, discussed the Role of arachidonic acid-derived lipids in cellular senescence. He described how the senescence-associated secretory phenotype (SASP) has been characterized for secreted proteins that participate in the development, wound healing, inflammation and many age-related pathologies during the senescence process and longevity. Scientists and active researchers from several research institutes namely IISc, CFTRI, NCBS, IISER, NII, CCMB, JNU, RCB, University of Hyderabad, NCCS were brought together at Amity University Haryana to discuss the relevance of lipids in cell organization and dynamics, signaling and various disease and their role in potential therapeutic strategies. These biological and biomedical scientists in our country including Dr. Durba Sengupta; Dr. Shobhan Sen; Dr. Jaydeep Bhattacharya, Dr. Zeeshan Fatima and Dr. Ashutosh Singh, among others, shared their recent findings in the broad area of lipid metabolism and dynamics with an eye towards future translational efforts. Prof. (Dr.) Padmakali Banerjee, Pro-Vice-Chancellor, Amity University Gurgaon; Maj. Gen. B. S. Suhag (Retd.); Maj. Gen. G S Bal (Retd.); Prof. (Dr.) Rajendra Prasad; Sq. Lt. S. K. Singh (Retd.); Dr. Ujjaini Das Gupta; Dr. Kaustav Badhyopadhyay; Dr. Amit Kumar Pandey; Dr. Machiavelli Singh were present among other university faculty members, staff and research students at the symposium.

The international delegates were highly impressed with the university infrastructure and facilities at Amity Manesar Campus. They were delighted to view the excellent research labs, ongoing project, work culture and lush green environment and development of biotechnology and integrative sciences. All the participants carried a lasting impression of the international conference and campus, eager to collaborate and visit the campus in future programs and projects.

AMITY SCHOOL OF LANGUAGES' RUSSIAN STUDENTS PARTICIPATED IN INTER-UNIVERSITY COMPETITIONS AT RUSSIAN CENTRE OF SCIENCE AND CULTURE (RCSC), NEW DELHI



The traditional Day of Russian Language and Culture, was jointly organized by the Russian Centre of Science and Culture (RCSC), New Delhi, the Institute of the Russian Language of the RCSC and Rossotrudnichestvo India on February 5, 2020. This year the event was devoted to the Year of Memory and Glory of Russia and Celebration of 75th Anniversary of Victory in Second World War, 1941-1945.

The programme comprised of Russian Language Olympiad, Russian Culture Quiz in English, Russian poetry recitation competition, dance and music competition, singing Russian song, Russian costume competition, Russian translation competition, essay competition, poster-making competition, etc.

Over 130 students from Amity University, Gurgaon; Amity University, Uttar Pradesh; Jawaharlal Nehru University (JNU); Delhi University (DU); Jamia Millia Islamia, Institute of Russian Language of the RCSC (IRL); B.R. Ambedkar University, Agra, Chowdhary Charan Sing University, Meerut; Indira Gandhi National Open University; Aligarh Muslim University, Aligarh and BPS Mahila Viswa Vidyalaya, Sonapat participated in 9 categories of inter-university competitions.

The students were prepared by Mr. Subhash Kumar, Assistant Professor of Russian language. They participated in Russian Culture Quiz in English, Russian poetry recitation, dance and music, singing, costume, essay and poster-making competitions.

The ASL team performed very well and brought laurels to AUH in a grand way. Our students bagged first prize in singing, second prize in poster making competition and third prize in Russian culture quiz.

Ms. Nidhi - First prize in the singing | **Mr. Pankaj** - Second prize in poster making | **Mr. Yash Kamboj, Mr. Rohan Saha, Ms. Muskan jajodia & Ms. Vandana** - Third prize in Russian Culture Quiz.

The Jury team comprised of Prof. Abhai Maurya, Ex-Vice Chancellor, English & Foreign Language University, Hyderabad and Russian teachers of RCSC, New Delhi. The jury team congratulated AUH students for their excellent performance.

EXCURSION TRIP TO HERITAGE TRANSPORT MUSEUM



Office of International Affairs organised an excursion for all its international students which gave an interactive platform to all its students to connect with each other and the international affairs team. This helped them to understand different cultures and ethnicities.

The excursion gave an opportunity to the students to explore the dimensions outside the campus and gain knowledge beyond the books.

The students were given an audio tour of the entire museum where the details and information about evolution of the transport modes was shared in a detailed manner.

A movie was also shown to the students where they were taken on a virtual journey of how the world evolved over time and how from wheels we moved to an era of airplanes and rockets.

GRADUATE DESIGN COLLECTION

By final year students of Amity School of Fashion Design & Technology

08



INDUSTRY CONNECT

EDUCATIONAL TRIP TO WATER TREATMENT PLANT FOR NURSING STUDENTS: Amity College of Nursing Gurugram organized an educational trip for B.Sc. Nursing students at Basai, Sector 101, Gurugram. The team of 24 students went to the water treatment plant and learnt regarding its organization and staffing pattern and key functions. They observed all the methods of water treatment carried out at a large scale. They interacted with the staff regarding scarcity of water and problems faced by them.



AMITY INSTITUTE OF PHARMACY: organized an Industrial visit to Gracure Pharmaceutical Ltd, Delhi for B.Pharm-IVth Semester students. The objective of the visit was:

- To develop an understanding of the manufacturing processes and preparation systems in pharmaceuticals.
- Explore the working environment of pharmaceuticals manufacturing units.
- To imbibe the knowledge of packaging of pharmaceuticals and Quality Assurance to students

During the visit, students explored various sections of the factory and explored the entire departments and learnt in-depth about the processes involved in the manufacturing of medicine.



Amity College of Nursing organized an Educational visit to The Earth Saviours Foundation for BSc (H) Nursing (III Semester) students. The Earth Saviours Foundation is an internationally recognized NGO that is dedicated to serve the under privileged and making an effort to protect the environment.



Sandhar Technologies, Gurugram

Minda Uno Industries, Manesar

RECRUITER SPEAKS



Great Coordination! Good student's participation in the recruitment process. Overall quality of students is as per industry expectations

MS. DEEP SHIKHA,
Sr. Campus Recruiter,
Ernst and Young, GDS



The students we have recruited from Amity are outstanding and dedicated people who are ready to step directly into our Business channel and compete immediately.

MR. RAHUL S CHAUHAN,
Regional HR, North & East,
Retail Hub, Raymond Apparel Ltd.,



Good students, Excellent Infrastructure and a very well-planned coordinated team.

MR. ARGHYADIP DATTA,
Sr. Partner, Ogilvy India



Students from Amity University Gurugram are technically sound, bears good communication skills & have done interesting projects. I feel they are well groomed and very professional in their approach.

MS. NISHTHA WALIA
India & Sub-Continents Abbott



Excellent infrastructure and a very well planned and coordinated enthusiastic team. Can add value by partnering with our organisation in various areas like Guest lecture, Marathon, Hackathon...

MR. ARVIND JOSPEH,
Campus Manager, Shell India



I really appreciate the partnership that we have formed with Amity University Gurgaon in terms of hiring students for internship that leads to final placements at SRL Limited

Mr. Himanshu,
HR Manager, SRL Limited., Noida

PARENT SPEAKS



I am very happy to share that over the last three years I have seen my daughter develop in academic, Social And Leadership Skills.

MR. SANDEEP BUDHIRAJA,
Sr. Partner and Executive
Director - BYLD Group
F/o Ridhi Budhiraja, BBA 2016-19



Amity has provided exposure through multi-dimensional platforms from lab based learning to presenting posters on a global level. The faculty has mentored her with experiences, teachings, encouragement and emotional support to carve out a true professional in Ritika.

DR. SANGEETA AGARRWAL,
Chief (Agriculture), Biosafety Support Unit- RCB,
Department of Biotechnology, Ministry of Science & Technology (Guardian for Ritika Agarwal,
B. Tech. (CSE) 2016-2020 batch)

During my time at Amity, I had the suitable platform that helped my ideas grow and a resource abundant ambience to enrich the immanent entrepreneurial skills. The support and motivating guidance by ALS in particular and AUH in general channelised my purpose and objective to make law in the country accessible, transparent and coherent. Legal Bites was launched in 2016 on Innovation Day at Amity. Legal Bites engages in providing basic knowledge about core areas of law. The website offers opportunities in the form of competitions, events and jobs relevant to the legal fraternity. It has constantly been working to create affordable, high quality particulars on cases, codes, articles and interviews while catering to a cosmopolitan responsibility. Recently, Legal Bites was ranked among the top 20 Dispute Resolution Blogs in the world. The competing agencies included universities like Cambridge and Harvard. Legal Bites has been named Best Online Law Education Platform 2020 in 2020 Indian Excellence Awards by IPAC Insider. It also encouraged me to contribute towards the society in more ways. Hence I took up the responsibilities of being the Secretary at Udhwik Asha Welfare Foundation and Director of Student Welfare at Lakshya International Academy, affiliated to CBSE.



MAYANK SHEKHAR, BA LLB (2013-18)

AKSHITA VATSAYAN, (B.Des 2014-17) Graduated from Amity University Gurugram with a degree in fashion and a lot of recognition as one of the finest actors of the university. She is now a part of the Television Industry of India with two shows already in her bag!



"Making it in the industry is not so easy, you need to face several people & cameras and still, it's not over if you get the role I am glad I made it in television industry but there's a long way to go. Hard work & dedication will surely make me achieve my goal.", I am currently working in 1) Dil toh happy hai ji , 2) Shadi ho toh aisi says Ms. Vatsayan.

At Amity, I realized that there is no dearth of opportunities. I have participated in 20+ University events like Sangathan, Alumni Meet, Social Pioneer Summit etc. in the last one year. I have got my placement offers at 2 leading companies- ITC Limited and BYJUs." says **DAKSH SETHI** (MBA 2018-20), Student Leader, Amity E-Cell Gurugram.



At Amity University Gurugram I not only got to experience the best in academics, I also got exposed to various extra curricular activities that helped build my confidence, enhanced my skills and shaped me into a better person. Today, I am working at Amazon as a Team Manager, Business Operations, Pune and also as a professional Anchor keeping my passion alive." says **DEEPAK BAJAJ** (BTech ECE 2012-16)



LAVANYA SANGWAN, a third year student of B.Com (H), has already rocked the Punjabi and Haryanvi music industry by getting featured in a couple of music videos. As a model, she has been balancing her academics at Amity University Gurugram with utmost brilliance. "Modelling and participating in various events has taught me a lot and given me great exposure and experiences that I would cherish for life!", says Ms. Lavanya. Sangwan Lavanya has also been shortlisted for the final round of audition for Miss Universe India 2020 contest.



MANORANJITH PANDI, "Die on the stage. But do before you die.", one quote, that has been running through my veins, in my whole journey as an actor in the Amity Dramatic Society - Dramebaaz. My passion, and love for dramatics helped me build and grow as a person and as a leader. I was keen to build a club and initiated by making a group of my own, and after working hard on it, it finally became the official society of the college, called "Dramebaaz". We, as Dramebaaz, performed in numerous street plays in the university, and outside. But the moment of pride still lies in my last performance at BSF, Chhawla, where we performed in front of soldiers. Dramebaaz molded my personality and boosted my profile which landed me in Cardiff University, UK



Being on stage gives me adrenaline and happiness like no other. It makes me feel alive and it enables me to feel every moment." says **NITISH SHARMA** (BBA, 2015-2018), an anchor, actor, director, mentor and holding the titles of Mr. Amity, and Mr. Talented. "I have spent most of my three years either on the stage as an anchor or an actor and Director of Amity's Dramatic Society - Ek awaaz. I have been following my dreams ever since I entered the university. Organising and participating in more than 100 events, I was fortunate enough to work for and with many clubs of the university. Also, being the youngest appointed Director of Ek Awaaz, it was not an easy journey at all. However, we ended up winning the Award at National Theatre Festival. Now I am following my dreams of becoming an actor and working with India's finest Theatre group Sukhmanch theatre.



SANKALP TIWARI from the batch of 2016-2019, Bachelors in Economics, not only graduated as a successful student of Economics but also as the Director of Amity's Dramatic Society: Ek Awaaz, for the year of 2018-2019. He acted in multiple theatrical and street plays. Along with all the directors, he led the team to victory in the theatre festival at BML Munjal in 2019. With his immense passion for acting, he is now a theatre artist in the reputed Sukhmanch Theatre, New Delhi.



"I had found my love for Fashion Designing a while back. Amity University Gurugram helped me act on it." Says **GARIMA RAUNIYAR** (B.Des 2017-2021). Along with designing a number of successful clothing for the collections: "Cosmea", "Bridal", "Dawn To Dusk" and "Eloquent Canalisation", she has also acted as a model for her own designed piece for the Bridal collection.



HEENA SHETH, M.Sc Clinical Psychology- 2018-2020 My soon to be alma mater, Amity University Haryana, has been instrumental in breaking an age old myth that classroom learning does not apply in the real world. The curriculum is diverse and the various teaching methods adopted by the faculties give a different perspective on life. A major part of my time here has also been devoted to Saakar where we work tirelessly to empower youth and bring about a change in society. This university has truly given me lessons and learnings for a lifetime.



"Having pursued Biomedical Engineering program (2015-19) at Amity University Gurugram, I have become much more confident in my ability to connect with people from diverse backgrounds not only because of the education system but also because of the social exposure and connect I got here. I credit my growth to the Student Social Responsibility Group, Saakar - Serving Humanity. The experience here led me to my dream job at the world's largest medical device company, Medtronic India Development Centre in Bangalore." said **AAKRITI WALLI**.



STUDENT SPEAKS



MR. DAKSH SETHI, MBA- Finance & Marketing - 2018-2020 Batch, placed with Byjus & ITC Limited.

As an MBA student at Amity University Haryana, I have always been inclined towards extracurricular activities, participating in events and playing sports. During my journey at Amity, I have been able to develop on my Leadership skills, Entrepreneur Skills as student leader at E-Cell, Public Speaking and Event Management Skills, making me organize and participate in all the major events of the University in the last one year.

The MBA program has also helped me in my journey towards becoming a better manager in the corporate world. One of the key opportunities in which I was able to get exposure in were the Placement Drives at Amity University Haryana.

The drives led and coordinated by the Corporate Resource Centre at the campus, motivated and guided me to crack them. The team which uses a transparent and professional method of operating, is an extremely student-friendly department, working tirelessly for the students' campus placements.



MR. SHUBHAM JAIN, B.Tech CSE-2015-2019, placed with Shell India. Being a part of this university was a wonderful experience indeed. The faculty, the campus, the infrastructure, altogether contributed to a student friendly environment. I also made a lot of memories to be cherished lifelong. With the kind guidance and support of my respected teachers, I was able to bag the placement at the prestigious Shell India. Amity University shall remain a significant part of my life.



MR. SHUBHAM JAIN SETHIA MBA - (Marketing & International Business) 2018-2020, placed with Berger Paints. Amity has made me a better person! It has helped me in developing positive attitude toward every walk of life. It has also made me to discover more and more about myself. Lectures are educational and interactive The extra-curricular activities have made students more confident. And the most amazing thing is the support and efforts of placement cell.



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2020 SESSION

For more detail please contact:
www.amity.edu/gurugram

#STUDENTWORK



KAVITA YADAV, (MFA Batch- 2018-20)



Swati Thakran, (MFA, Batch- 2018-20)



Swati Thakran, (MFA, Batch- 2018-20)

RALLY AND ROLEPLAY ON "NO PLASTIC"



Amity College of Nursing Students conducted a Rally and Roleplay on "No Plastic" in Govt. Senior secondary school (Boys) and streets of Pataudi. Under the Social Responsibility initiative of Amity, Students educated the school children & locals about the Hazards of Plastic and how to stop the usage of plastic. This rally also provided information of the different types of plastics, and which plastic can and cannot be recycled.

#STUDENTLENS



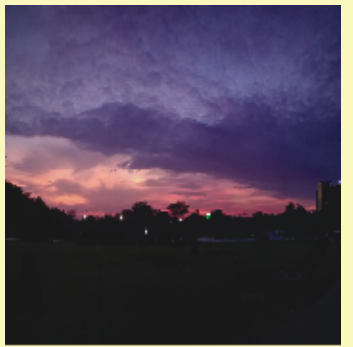
Ameesh Prakash, (B.A.S.L.P, 2018-21)



Devashish Sharma, (BSc Nursing, 2019-23)



Heena Sheth, (M.Sc Clinical Psychology, 2018-20)



Mayank Lawas, (B.A (J&MC) 2018-21)



Dhananjay Gautam, (B.Sc (A&VG) 2019-22)



Rupesh Verma, (BJMC, 2018-21)



SAAKAR MEGA HEALTH MELA



Amity University Gurugram Social Responsibility Group "Saakar", led by the students of Amity organized a three days Health Mela across slum areas of Sector 14, Sector, 52 and Sector 69, Gurugram. The Mega Health Mela saw more than 1500 slum residents across these locations getting an opportunity to receive free consultation from doctors for their varied ailments and medical concerns, vision, speech and auditory check-ups. This three-day event was inaugurated by Maj. Gen. G. S. Bal, Dean of Student's Welfare, Amity University Gurugram. Saakarians accompanied by a medical team of doctors, nurses, optometrists, audiologists and nutritionists came together for this social cause. A separate tent was set up for each department where they attended to the patients. Special focus was laid on preventive treatment as there were awareness sessions along with curative treatment. Local residents in the adjoining clusters also came forward to benefit from this endeavor.



AMITY BUSINESS SCHOOL,
GURUGRAM
HAS BEEN RANKED

TOP 10 IN ACADEMIC
EXCELLENCE
India Today-MDRA Survey 2019

THE AMITY GURUGRAM MBA
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INITIATIVES ON EDUCATION TAKEN BY STUDENTS OF AMITY UNIVERSITY GURUGRAM



Education is a right; a right that some of us in the world are not even given. A right that some of us are still fighting for, for the less fortunate. India being a developing country, is certainly improving its situation in terms of Education being provided to children who cannot afford it. With many scholarships and new funds in place, the government is doing its best to provide for everyone in the country. However, sometimes even that bit falls short. Students of Amity University Gurugram have taken many initiatives in the past and still continue to do so that they are able to provide with knowledge and education to the children who are less fortunate and cannot afford it. Udaan Mission is a mission started and founded by the students of Amity University Gurugram which comprises of many student volunteers who gather in the evening to tutor and teach children who live in the slum areas of Manesar. They give fifteen hours of their week to ensure these children get the education they deserve. They believe that a single action can make a difference in the community and through their outreach programs; they make it a point to do their bit and make that difference in the lives of these children. They also promote girl child education through their outreach programs in rural areas and a special fund that they have started especially for them, called Pari Fund. Along with educational development, holistic and cultural developments of children are also taken care of. Many initiatives are also taken by the students of the university that have been in collaboration with reputed organizations. Many of them are esteemed Non Governmental Organizations whose primary focus is to provide these children with education and knowledge to secure their futures. Pehchaan Street School is one of these NGO's, with whom, the students of Amity University Gurugram have collaborated. Students of Amity conducted a cultural event, which was to promote and encourage donations for Pehchaan Street School. With those donations, school bags and stationery was bought for the tiny tots studying at Pehchaan, during Diwali. Many social welfare clubs have also been founded by the students of Amity University Gurugram such as SAAKAR, Shakti, Shiksha and Udaan that have made many successful attempts to promote education in the rural areas and to the children in slums. These initiatives have not only gathered attention among more students to volunteer, but also amongst the parents of the less fortunate children to seek the help and education for their children from the government or NGOs. The education being provided by the students and volunteers of Amity does not just stop at academics, but goes beyond to physical education, cultural education, concepts such as good touch-bad touch and most importantly morals and values. Education is freedom, and knowledge is power. Students of Amity University Gurugram are doing their bit by providing that power and freedom to the children who do not necessarily have the best resources. Are you doing yours?

OVER 10,000 STUDENTS FROM 180+ SCHOOLS/COLLEGES ATTENDED THESE SEMINARS/WORKSHOP

Industry jobs are changing fast. From the recent decade of software, it has move to Augmented Reality, Artificial Intelligence and much more. Understanding the industry requirements and preparing students for it can only solve the problems of unskilled professionals. Career counseling helps the students to choose a field that is in tune with their interest, aptitude and skills. It also helps in matching the aptitude, skills and interests of the individuals with various job types. Overall, it helps them in making informed career choices to define their career paths which maximizes their success in their chosen careers. Amity University Gurugram has always been in the forefront in leading such initiatives for school and college students. Vision 2025, Experiential Learning Workshops and Open House Session by Experts are some of these initiatives.



Got a Vision? Give it a direction

All changes emerge from a big idea: which is powerful enough to challenge the stagnancy of conventional wisdom; which is poignant enough to inspire a revolution; which, in spite of its immense impact, is practical and possible. Amity, India's No.1 ranked not-for-profit private university started this initiative by the name of Vision 2025, to provide brilliant young minds like you, the perfect launching pad to emerge as leaders of tomorrow. It is designed to empower the visionaries of today for transforming them into responsible global citizens. As part of this programme, students of Class 12th across all streams can participate and express their vision for 2025.



EXPERIENTIAL LEARNING WORKSHOP

The more you explore more you grow in life!

Industry has come to its 4th revolution i.e. Industry 4.0 and the future of jobs is changing fast. From the recent decade of software, it has moved on to Augmented Reality, Artificial Intelligence and much more. At the same time, Due to paucity of time and awareness, students choose options actually not meant for them w.r.t their interest, aptitude and skills. The result of this ill-informed practice has created today's situation wherein unemployment is not due to lack of jobs, but due to lack of skilled professionals. Amity University Gurugram organized Experiential Learning Workshops to provide a platform for students to experience the course before even they opt for to ensure their interest/passion lies in the same. There were only Practical and Industry Exposure including Expert Talks, Experiments in Hi-Tech Labs and Hands on Sessions in this workshop.



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AS PER INDIA TODAY'S SURVEY ON 'INDIA'S BEST UNIVERSITIES'

IN THE NEWS

CITY AIR NEWS
DEDICATED TO LATE SHRI H.N. DHAN (JOURNALIST) STRAIGHT FORWARD

6th Convocation of Amity University Haryana held

Former CJ, Justice Dipak Misra, Shri Girish Agarwal, Director, DB Power Ltd. and Dr

हरिभूमि
रोहतक - जीन्द
Date - 22 Nov'19

Gurgaon Times

1636 छात्रों को मिली डिग्री

एनबीटी यूज, गुडगांव : एनबीटी यूजिनिवर्सिटी के दोस्त समारोह में 1636 छात्रों को डिग्री प्रदान की गई। यहां पर देश-विदेश से आए पूर्व छात्रों, अध्येत्यों के स्वागत-सम्मेलन का आयोजन किया गया।

हिन्दुस्तान
दिल्ली की छात्र-नवाचार के लिए आगे आएं

छात्र-छात्रा शोध और नवाचार के लिए आगे आएं

नाटिका से किया कैंसर के प्रति जागरूक

गुड़गांव रुडे

एमटी स्कूल ऑफ अप्लाइड साइंस ने मनाया राष्ट्रीय विज्ञान दिवस

विज्ञान सिर्फ विचारों तक सीमित नहीं।

CITY AIR NEWS

2019 'प्रतिभांगिका'

विज्ञान सिर्फ विचारों तक सीमित नहीं।

सीआरएसयू में हुआ विस्तार भाषण का आयोजन

ईपी वर्ग में रमनदीप रहे प्रथम

विस्तार भाषण का आयोजन

सच कहें

राष्ट्रीय दैनिक समाचार पत्र

एमटी यूजिनिवर्सिटी के दोस्त समारोह का आयोजन

कोरियन कल्चरल डे का राजदूत दैनिक जागरण

राष्ट्रीय दैनिक समाचार पत्र

न में विद्यार्थियों ने मॉडल के रूप में पेश किये नये आईडिया

विद्यार्थियों ने मॉडल के रूप में पेश किये नये आईडिया

News

Amity University organized a two day International Seminar on Ramayana in the contemporary context



AMITY
UNIVERSITY
— GURUGRAM —

RANKED TOP PVT. UNIVERSITY IN HARYANA BY INDIA TODAY



110 ACRE WORLD-CLASS AMITY UNIVERSITY GURUGRAM CAMPUS

50,000 study pathways through Advanced Flexible Credit System	20 research centres for stem cells, data analytics, robotics, artificial intelligence, cyber security etc.
1000+ distinguished faculty, scientists and staff	Students' innovation initiatives like solar car, gyroscopically controlled aircraft, bio-arm, quadcopter amongst others
200 hi-tech labs & studios	On-campus incubator to hone students' entrepreneurial skills
Modern library with 50,000 books, 20,000 journals & 2,500 publications	Socio-economic initiatives: Kiran Mazumdar Shaw Centre for Affordable Innovations; Mohd. Yunus Social Business Centre; Kailash Satyarthi Centre for Child Rights
20 acre sports complex with facilities for tennis court, cricket field, football ground, etc.	1500 seater auditorium with latest audio-visual equipment
31 states & UTs and 25 nationalities represented by students	IP camera, fire fighting system and biometric-enabled security
3000 seater on-campus separate hostel for boys & girls	Multi-brand food plaza, Café Coffee Day, ATM, salon, laundry and 24x7 clinic. Multi-nodal connectivity, close proximity to the corporate hub of Gurugram
Study Abroad Program at Amity overseas campuses in New York, Singapore, London, Dubai and Australia	

UG & PG PROGRAMME DISCIPLINES

Applied Sciences | Architecture & Planning | Biotechnology | Commerce | ComputerSc./IT
Economics | Engineering | Earth Sciences | Fashion | Fine Arts | Forensic Science
Hotel Mgmt. | Interior Design | Language | Law | Liberal Arts | Management
Media & Comm. | Medical (MLT, Audiology & Speech-Language, Dietetics and Nutrition) | Nanotech.
Nursing | Optometry | Pharmacy | Psychology | Social Work | Travel & Tourism

NEW AGE PROGRAMMES

AI | Robotics | Cyber Security | ML | Data Sciences | Molecular & Stem Cell Technologies

ADMISSION OPEN 2020

AMITY GURUGRAM STUDENTS HAVE BEEN PLACED IN MNCs AND BLUE-CHIP INDIAN CORPORATES



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Amity Education Group | 1,50,000 students | 10 universities | 6,000 faculty | 1,100 patents filed | 14 overseas campuses

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