AMITY UNIVERSITY HARYANA

Academic and Research Vibrancy at AUH

"Driving the Agenda for Holistic Development and Interdisciplinary Research and Innovations"

OUR VISIONARY FOUNDER
DR. ASHOK K CHAUHAN

"A Visionary Leader for whom world quality Education, Research and Innovation is a Mission and a Passion."

Dr. Ashok K. Chauhan
Founder President, Ritnand Balved Education Foundation
(The Foundation of Amity Institutions
and the sponsoring body of Amity Universities)
Founder, Amity Humanity Foundation

OUR CORE VALUES

AMITY UNIVERSITY HARYANA

- Governance with Empathy, Aatmiyata and Professional Ethics.
- Academic Freedom, Integrity, Transparency and Trust.
- Willingness To Experiment With New Paradigm.
- Quality of Education and Research, Sustainability Administrative Efficacy and Service Excellence.
- National Pride and Global Outlook.

OUR STRENGTHS

- Future Ready Education.
- Quality and Relevance of R&D and Innovations.
- System Driven, Outcome based Governance.
- Visionary Leadership with National Pride and Global outlook.

ACADEMIC FRAMEWORK - HIGHLIGHTS

AMITY UNIVERSITY HARYANA

ACADEMIC FLEXIBILITY

- Student Centric Learning Ecosystem
- Choice Based Credit System,
- 282 open electives in 53 minor areas
- Blended Learning - Credit transfer through MOOCs, Workshops, Certification Programs

VALUE ADDITION:

- Employability focused Courses. - 70.31% courses focus on employability
- Value Added Courses (662): Foreign Languages (French, German, Spanish, Korean, Japanese, Russian, Chinese)
- Behavioural Sciences and Communication skills

LEARNING BY DOING

- Major and Minor Projects
- Innovation and New Product Development
- Internship, Field Visits & Case Studies,

REGULAR CURRICULUM UPDATION

- 100% programs undergone updation in the last 5 years

NEW COURSES INTRODUCED IN EMERGING AREAS SUCH AS:

- Nano-Science and Technology
- Data Science
- AI & Robotics
- Stem Cell Technology
- Forensic Science
- Renewable Energy
- Business Analytics
- Clinical Psychology etc.

ADMISSIONS

AMITY UNIVERSITY HARYANA

Year	Application Received	Admitted	Acceptance Rate%
2014-15	6655	1696	25%
2015-16	6573	2028	31%
2016-17	7495	2131	28%
2017-18	7374	1984	27%
2018-19	7312	2049	28%
2019-20	6119	1983	32%
2020-21	10287	2159	21%

- Admissions based on Merit
- Minimum 60% PCM for Engineering Programs
- All India Joint Entrance Test for Engineering admissions Counseling and Admission Interviews to assess suitability
- Compliance of Statutory requirements of NCI, PCI, RCI and BCI such as valid score in NATA for Architecture

CURRICULUM ENRICHMENT

AMITY UNIVERSITY HARYANA

"Contemporary issues pertinent to Gender Equality, Environment Consciousness and Sustainability, Human Values and Professional Ethics are integrated in curriculum Design and Implementation across all courses."

HUMAN VALUES AND PROFESSIONAL ETHICS

- Focus on Personnel Integrity, Professional Morality, Peaceful Coexistence,
- Truthfulness and Compassion
- Sensitization visit to old age homes
- Zero Tolerance towards Plagiarism
- Guest lectures by experts, spiritual gurus and luminaries to inculcate social, moral and ethical values in the students

ENVIRONMENTAL STUDIES:

- All UG Programs include a 4 credits course on environment studies
- Environmental Awareness Environment Day, Earth Day and Water Day are celebrated every year
- LEED Lab multidisciplinary educational module in partnership with US Green
- Building Council

GENDER SENSITIVITY

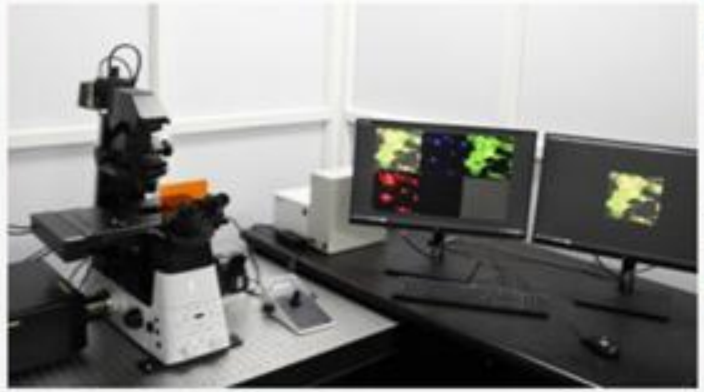
- Courses related to Gender Psychology, Gender & Social Work. Gender & History are included in programs offered at University

CIRF – CENTRAL INSTRUMENT RESEARCH FACILITY

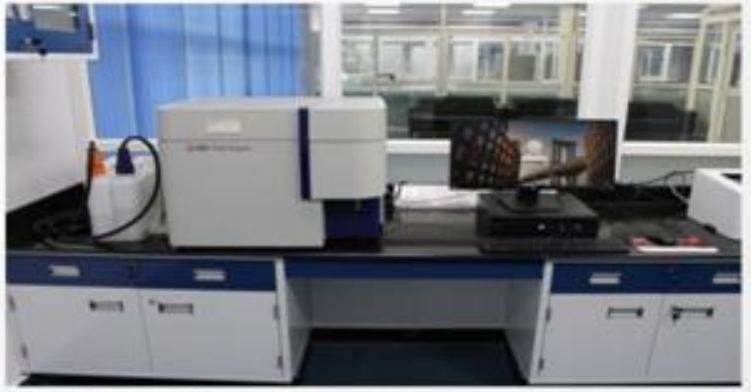
AMITY UNIVERSITY HARYANA

7 Crore Worth Hi-Tech Equipments from Amity Funds

Cary Eclipse Spectrofluorometer (Agilent)



Nikon confocal microscope (Model:-A1R HD 25)

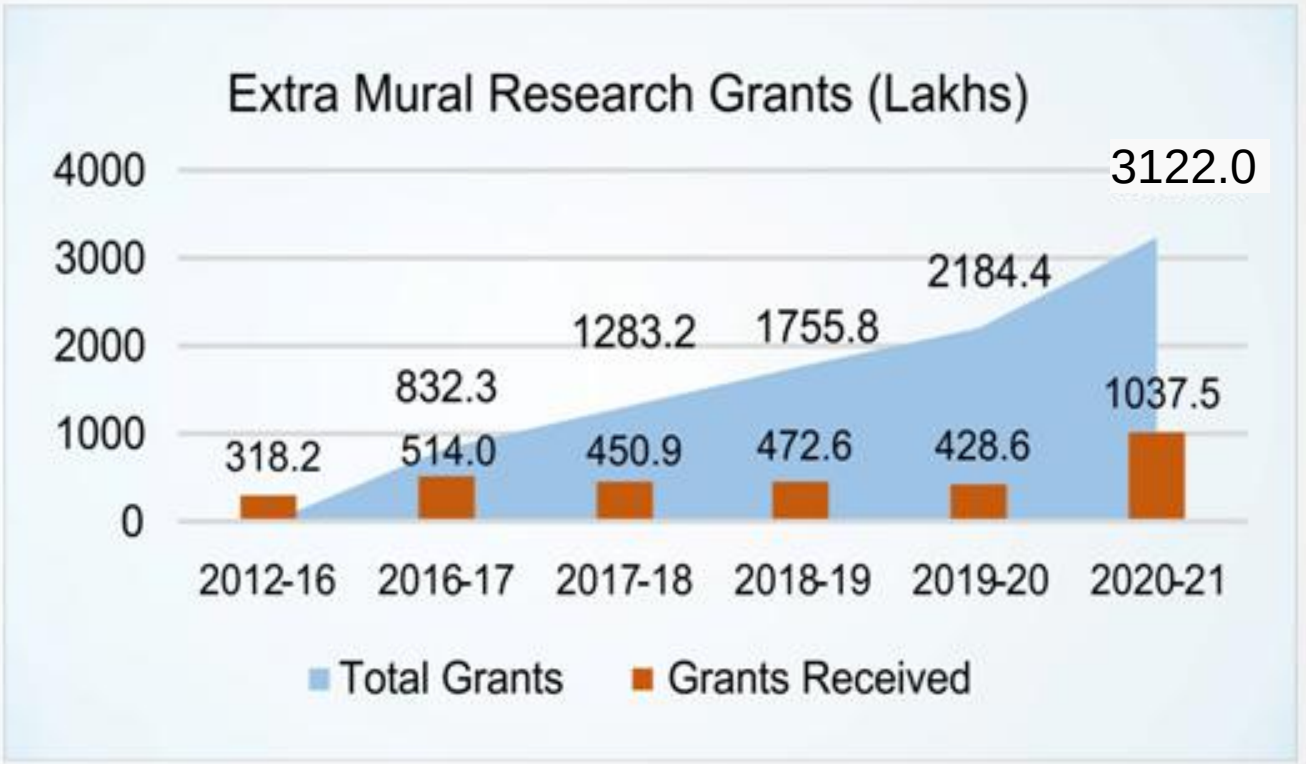


BD FACSLyric™ Flow Cytometer

RESOURCE MOBILIZATION FOR RESEARCH

AMITY UNIVERSITY HARYANA

S.No.	Particulars	No.
1.	Funded Projects Sanctioned	68 (31.2 Cr)
2.	Patents Filed	166
3.	Patents Published & Awarded	50 (P) 03 (A)
4	Books/Chapters	343
5.	Conference Proceedings	924
6.	Research Papers Published	3340
7.	**Cumulative IF**	**6043**



RESEARCH PUBLICATIONS

Total Scopus Citations - 4967
h index - 30
i10 index - 106

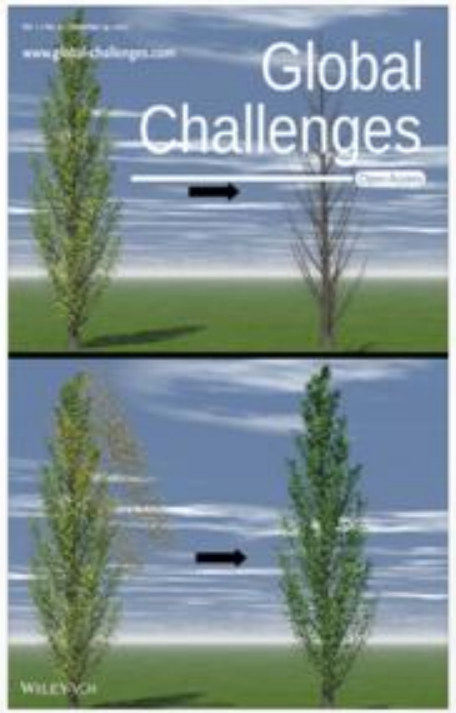
Average number of Books/ Books Chapters/ Conference Publications (per Teacher) – 1.22

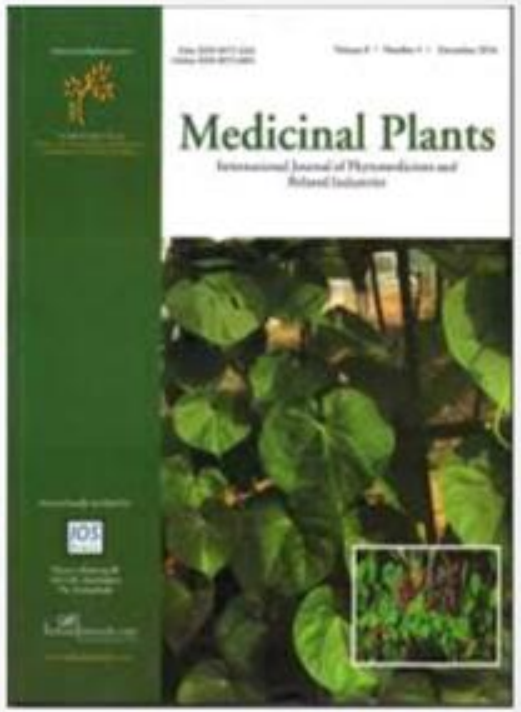
Average number Publications in UGC approved journals (per Teacher) – 6.39

RESEARCH PUBLICATIONS AT COVER PAGE

AMITY UNIVERSITY HARYANA

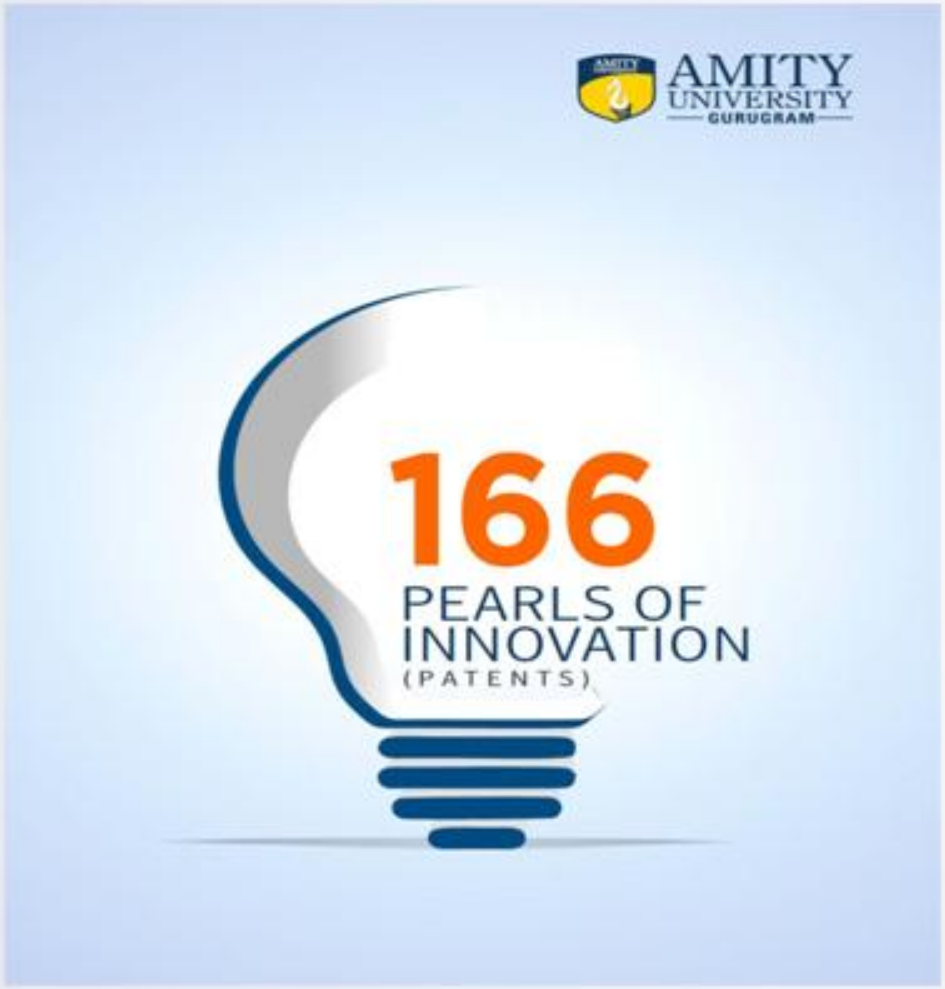
IN HIGHLY REPUTED JOURNALS





PATENTS FILED AND PUBLISHED

AMITY UNIVERSITY HARYANA



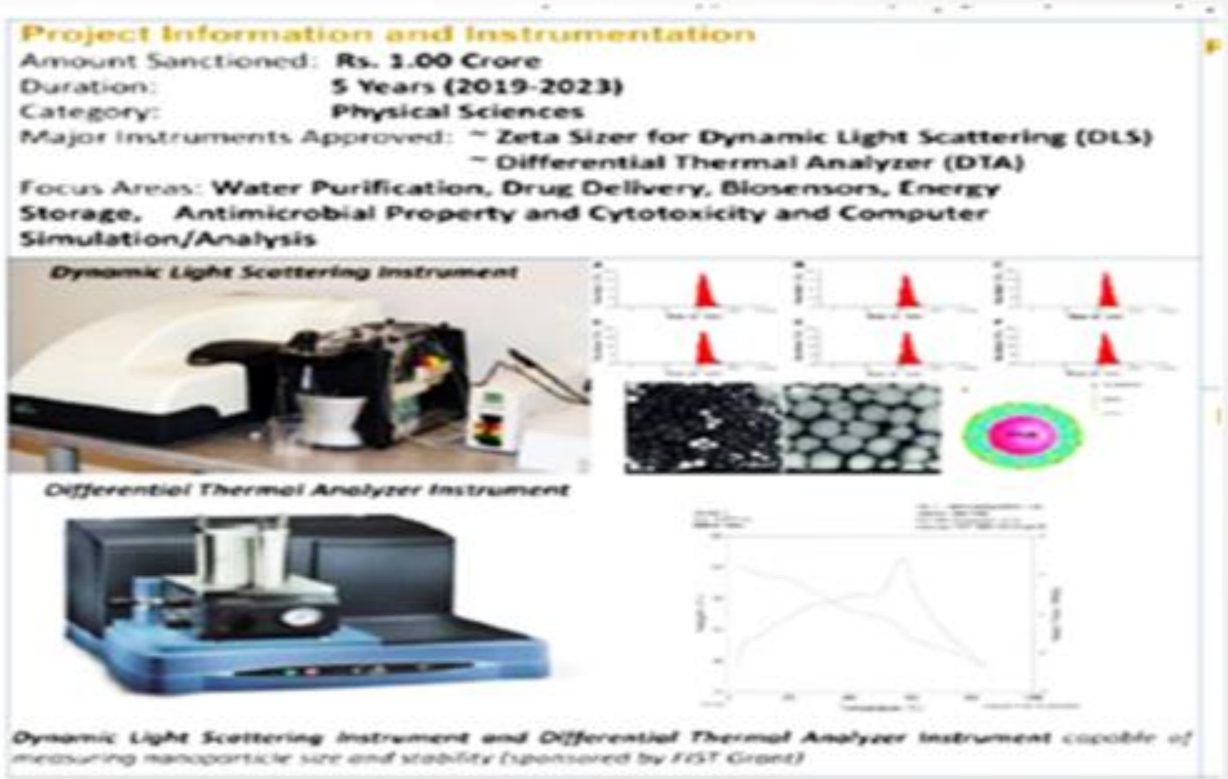
DST FIST GRANTS-02

1. National Facility for Lipidomics Research

Grant : 165 Lakhs

2. Nanotechnology for Healthcare and Environment – Exploring New Horizons

Grant : 100 Lakhs



FUNDS FOR IMPROVEMENT OF S&T INFRASTRUCTURE

DBT Builder Programme 2020 3.0 Cr

भारत सरकार
GOVERNMENT OF INDIA

विज्ञान और प्रौद्योगिकी मंत्रालय
MINISTRY OF SCIENCE AND TECHNOLOGY

जैवप्रौद्योगिकी विभाग
DEPARTMENT OF
BIOTECHNOLOGY

सत्यमेव जयते

FUNDING 1.23 CRORE

भारत सरकार
GOVERNMENT OF INDIA

विज्ञान और प्रौद्योगिकी मंत्रालय
MINISTRY OF SCIENCE AND TECHNOLOGY

जैवप्रौद्योगिकी विभाग
DEPARTMENT OF
BIOTECHNOLOGY

सत्यमेव जयते

Skill Vigyan – Department of Biotechnology

LSSSDC
LIFE SCIENCES SECTOR SKILL
DEVELOPMENT COUNCIL

INTERNATIONAL PROJECTS

INDO-RUSSIA (DST) PROJECT

Rajendra Prasad
Dean, Faculty of Science,Engineering and Technology
Director, Amity Institute of Biotechnology
Amity University Haryana,
India

Unraveling The Links Between Bioenergetics Constraints, Cell Wall Integrity, And Multidrug Resistance In Fungi

Dimitry Knorre
Belozersky Institute of Physico-Chemical Biology, Lomonosov Moscow State University

AUH – Moscow State University

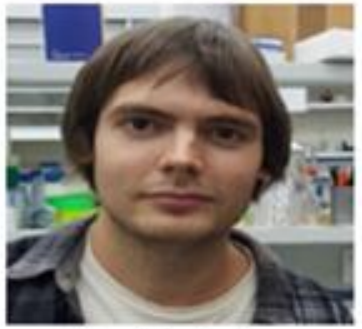
INTERNATIONAL PROJECTS

INDO-RUSSIA (DST) PROJECT

Amit Kumar Pandey
Amity Institute of Biotechnology,
Amity University Haryana, India

Unravelling the Molecular Mechanism of IncRNAs Involvement in Glioblastoma

AUH – Russian Academy of Sciences



Marat Pavlyukov
Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry of the Russian Academy of Sciences
117997, Russian Federation, Moscow

INTERNATIONAL PROJECTS

INDO-POLAND (DST) PROJECT

Rajendra Prasad
Dean, Faculty of Science,Engineering and Technology
Director, Amity Institute of Biotechnology
Amity University Haryana,
India

Novel Potential Antifungal Drugs Active Against Multidrug Resistant Yeasts From The Candida Genes.

Slawomir Milewski
Department of Pharmaceutical Technology and Biochemistry Faculty of Chemistry Gdańsk University of Technology, Poland

AUH – Gdansk University of Technology

MULTI CONSORTIUM PROJECTS

DBT MULTI-CONSORTIUM PROJECT - 1

North-East Collaborator
Dr. Moi Nyori
DDHS(TB) cum State TB Officer
Health & Family Welfare
Naharlagun, Arunachal Pradesh

Comprehensive Omics studies to understand the biology of drug resistant *Mycobacterium tuberculosis* clinical isolates from Arunachal Pradesh

Dr. Sarman Singh
Head, Division of Clinical Micro. & Molec. Medicine
AIIMS, New Delhi

Dr. Pawan Malhotra
Group Leader
Malaria Biology Group
ICGEB, New Delhi

Dr. Zeeshan Fatima
Amity University Haryana
Amity Education Valley
Gurgaon, Haryana

AIIMS-AUH-ICGEB

ICMR PROJECT

Prof. Rajendra Prasad
Director
Amity Institute of Biotechnology
Amity University Haryana

Mechanism, Evolution and Pharmacology of Multidrug Resistance in the Emerging Fungal Pathogen *Candida auris* among Indian Cohort of Patients

Dr. Arunaloke Chakrabarti
(PI), Postgraduate Institute of Medical Education & Research, Chandigarh

Dr. Kaustuv Sanyal, (Co-PI) Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru

Dr. Shivaprakash M Rudramurthy (Co-PI), Postgraduate Institute of Medical Education & Research, Chandigarh

PGI Chandigarh - AUH

MULTI CONSORTIUM PROJECTS

DBT MULTI-CONSORTIUM PROJECT - 2

Study of in-depth genetic heterogeneity with respect to resistome and compensatory adaption of MDR Mtb clinical strains inside BM- Mesenchymal stem cells circulating in the North East Region

Prof Rakesh Bhatnagar
School of Biotechnology
Jawaharlal Nehru University
New Delhi

Dr. Bikul Das
Director
KaviKrishna Laboratory
GBP, IIT-G Campus,
Guwahati

Dr. Sanjukta Patra
Associate Professor
Department of Biotechnology
IIT-Guwahati

Dr. Shankar Prasad Kanujia
Associate Professor
Department of Biotechnology
IIT-Guwahati

Prof. Rajendra Prasad
Director
Amity Institute of Biotechnology
Amity University Haryana

AUH-JNU-IIT Guwahati

INTERNATIONAL PROJECTS

INDO-SCOTTISH PROJECT

Prof UN Singh
Professor &
Dean Faculty of Arts
Amity University Haryana

Mediating Multilingualism Project:
An Indo-Scottish Initiative on Indigenous Languages

Prof Conchúr Ó Giollagáin
Professor
Language Sciences Institute, University of the Highlands and Islands, Scotland, UK

INTERNATIONAL PROJECTS

INDO-JAPAN PROJECT

Project Director
Dr. Santosh K. Gupta
Associate Professor &
Head of Center for East Asian Studies
Amity University Haryana

One Asia Foundation

One-Asian Community Theory

Mr Yoji Sato
Chairman & Founder
One Asia Foundation

CENTRES OF EXCELLENCE
In Areas of High National and Global Relevance

AMITY UNIVERSITY HARYANA

- Amity Centre of Robotics & Artificial Intelligence
- Amity Centre for Nano Science & Technology
- Amity Centre for Big Data and Computational Biology
- Amity Centre for Lipidomics
- Amity Centre for Manmade and Natural Disaster Control (ACMNDC)
- Amity Centre for Air Pollution Control (ACAPC)
- Amity Centre for Ocean Atmospheric Science and Technology ACOAST)
- Amity Centre for Financial Analytics
- Amity Centre for BRICS STUDIES

- Kiran Mazumdar Shaw Centre of Affordable Innovation
- Amity-GE Healthcare Centre of Excellence
- AYUSH-Amity Herbal Garden and Amity Centre for Drug Design and Discovery

- Nobel Laureate Kailash Satyarthi Centre for Child Rights & Development
- Nobel Laureate Yunus Social Business Centre (AUH-YSBC)
- Amity Centre of Excellence in Indic and Sanskrit Studies

INTERDISCIPLINARY RESEARCH CLUSTERS

"Driving the agenda for Integrated of Science and Multidisciplinary Engineering"

AMITY UNIVERSITY HARYANA

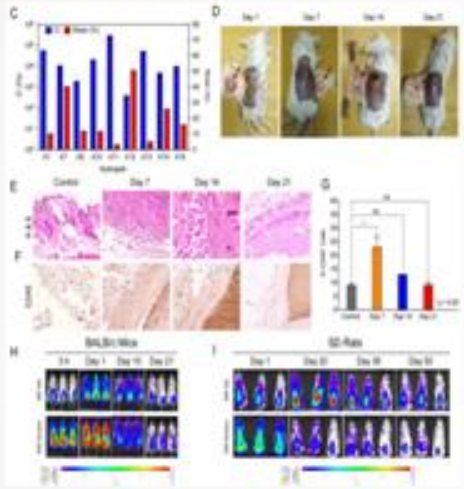
THE CANCER RESEARCH CLUSTER

HIGHLIGHTS

- Research:
  Gargi Bagchi: Hormone Signaling and Cancer
  Amit K Pandey: Noncoding RNA and Cancer
  Ujjaini Dasgupta: Breast Cancer
  Munindra Ruwali: Head and Neck Cancer
- PhD students: 9
- Ongoing projects: 11
- Papers published: 10
- MS in preparation: 5
- Grants applied: 5
- Patents : 4

International network developed:

- Curie Institute, Paris
- Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry of the Russian Academy of Sciences, Moscow, Russian Federation,
- Cancer Science Institute of Singapore



Gargi Bagchi

Amit K Pandey

Ujjaini Dasgupta

Munindra Ruwali

Chandramani Pathak

LIPIDOMICS RESEARCH CLUSTER

HIGHLIGHTS

- Research:
  Rajendra Prasad: Fungal drug resistance
  Ujjaini Dasgupta: Cancer biology
  Zeeshan Fatima: Mycobacterium infection and MDR
  Nitai Debnath: Plant nanotechnology
- PhD students: 8
- No. of ongoing projects: 10
- No. of papers published: 15
- No. of MS in preparation: 10
- No. of grants applied: 5

Workshop/short-term course

Amity Lipidomics Research Facility (ALRF), AUH and Sciex, Gurgaon, Haryana organized the first Short-term Course on "General Principles of Lipidomics and Proteomics" from 25 to 29 March 2019 at Amity University Haryana

Webinar based workshop on "General Principles of Lipidomics and Proteomics" from 13 to 14 October 2020.

Network developed: JNU, RCB, NII, ICGEB, NIPGR.

Ujjaini Dasgupta

Rajendra Prasad

Nitai Debnath

Zeshan fatima

INTERDISCIPLINARY RESEARCH CLUSTERS

"Driving the agenda for Integrated of Science and Multidisciplinary Engineering"

AMITY UNIVERSITY HARYANA

DATA SCIENCE AND COMPUTATIONAL BIOLOGY RESEARCH CLUSTER

- **Research:**

Alok Srivastava: DS and System Biology
Somyadeep Nandi: DS and Genomics
Ravi D Sharma: DS and Computational Biology
Amresh Prakash: DS and MD Simulation
Shakir Bilal: DS and Modeling Infectious Diseases

PhD students:11	**No. of ongoing projects: 11**	**No. of grants applied: 3**
No. of MS in preparation:12	**No. of papers published: 24**	**Network developed: JNU, RCB, NII, NIPGR**

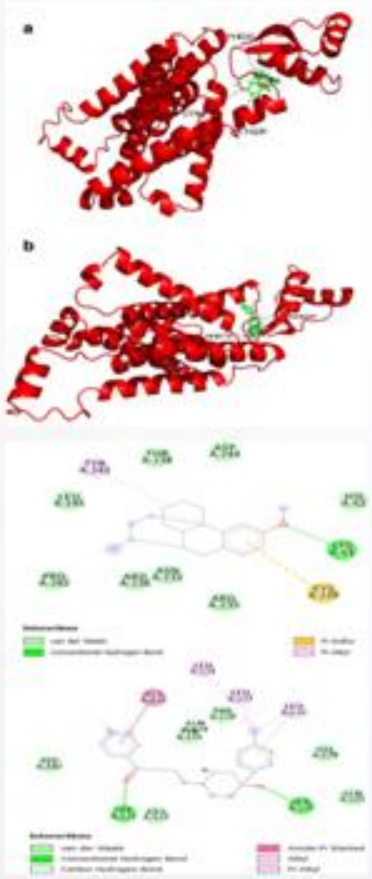

Alok Srivastava


Ravi D Sharma


Somyadeep Nandi


Amresh Prakash


Shakir Bilal

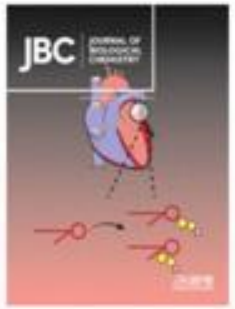


INFECTIOUS DISEASE RESEARCH CLUSTER

HIGHLIGHTS

Research:
Prof Rajendra Prasad: Fungal drug resistance
Dr K. M. Sinha: C-di-AMP signaling in Mycobacterium
Dr Zeeshan Fatima: Mycobacterium infection and MDR
Dr Saif Hameed: Multidrug resistance in pathogenic fungi

- **Network developed:** JNU, RCB, NII, ICGEB, NIPGR , IISc



- Research and publications (16)
- Competitive research funding (4)
- National and international collaboration (6)
- Workshops and conferences (3)
- Ph.D. students (16)
- Reflexivity do things differently


Rajendra Prasad


K.M. Sinha


Zeeshan Fatima


Saif Hameed

INTERDISCIPLINARY RESEARCH CLUSTERS

"Driving the agenda for Integrated of Science and Multidisciplinary Engineering"

AMITY UNIVERSITY HARYANA

RESEARCH CLUSTER - NANOSCIENCE & NANO TECHNOLOGY


Atul Thakur


Preeti Thakur


Brijesh Kumar


Ankur Kaushal


Lucky Krishnia

62	21	04	03	17	19	06
Publications	Patents	R&D Projects	Technology Transfer	Collaborators	Research Scholars	International Visits

- Nano Ferrites for High Frequency Applications
- Nano-ceramics
- Nano Particles based Waste Water Treatment
- Nano Particles based 3D Anti-Microbial Masks-N95

3D Antimicrobial Mask

RESEARCH CLUSTER ROBOTIC, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Centre of Excellence:
- Center of Robotic and AI

Research Project Submitted to:
- Facebook(Under Computer Vision for Global Challenges)
- ISRO (SNAP)
- Internet for Development (I4D) ISIF Asia 2019
- Child Health Foundation-Innovative Small Grants Program

Programmes:
- B.Tech + M.Tech (AI&ML)
- M.Tech (AIR)

Major R&D Projects:
- Amipi- Humanoid Robot, Human Imitating Robotic Arm, Smart Dustbin, Smart Medicine Box, Smart Irrigation System, Smart Parking System, Home Automation System and EVM.

Events Organized/Planned:
- Robothon (on Amifest and Innovation Day-2019)
- Robowar and Roborace (on Amifest-2019)
- FDP on AI and ML planned in Dec. 2019

MEMBERS

S.N. Sridhara
Sunil Sikka
Charu Jain
Vikas Thada
Manoj Pandey

Major Thrust Areas

INTERDISCIPLINARY RESEARCH CLUSTERS

"Driving the agenda for Integrated of Science and Multidisciplinary Engineering"

AMITY UNIVERSITY HARYANA

RESEARCH CLUSTER DRUG DISCOVERY & HERBAL DRUG DESIGN


P. B. Sharma


Satish Sardana


Viveak Ballyan


Arun Kumar


Saurabh Bhatia


Arun Kumar Sharma, et al. "Hydrogel nanotubes with ice helices as exotic nanostructures for diabetic wound healing", Material Horizons, IF : 12.5

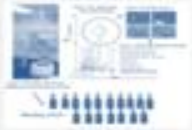

Sharma AK, Thanikachalam PV, Bhatia S. The signaling interplay of GSK-3β in myocardial disorders. Drug Discov Today. 2020 Apr;25(4):633-641, IF: 6.5

22	23	01	02	03
Publications	Patents	Projects	Books	Book chapters

Latex research
Maltodextrin and Gum Arabic Microencapsulated Freeze Dried Latex

Latex research
To improve shelf life of freeze dried alkali treated latex

Essential oil research
A nasal stick for lungs detoxification against air pollutants



RESEARCH CLUSTER ENVIRONMENTAL & HUMAN HEALTH

RESEARCH AREAS

- Environmental Pollution Monitoring, PM & Precursor Gases
- Environment & Human Health Interface
- Green Initiatives
- NASA Aeronet Aerosol Monitoring, UFPM

ACADEMIC PROGRAMS OFFERED/UNDER DEVELOPMENT

- Minor Degree in Environmental Science & Engg
- B. Sc. Earth Sciences
- M. Sc. Environmental Sci and Mgt, MTech in Climate Sci
- PhD in Environment and Human Health

RESEARCH HIGHLIGHTS

Patents Filed:	06
Research Papers Published:	115
Manuscripts Under Preparation:	16
Book Chapters Published:	07
Projects Ongoing:	10
Projects Applied:	06


PCS Devara


PB Sharma


Arvind Chhabra


Abul A Khan


Amrit Kumar


Shubhansh Tiwari

26

NANOSCIENCE TECHNOLOGY TRANSFER

AMITY UNIVERSITY HARYANA

WASTEWATER TREATMENT BY NANOTECHNOLOGY OF VILLAGE BILASPUR POND

Benefits to the Society

- Rejuvenation of the local water body.
- Enhanced Cleanliness and hygiene.
- Using green energy to run the plant.

Patent No. 202011018761
PI- Dr. Atul Thakur

Publications

- Photocatalytic activity of cobalt substituted zinc ferrite for the degradation of methylene blue dye under visible light irradiation, Deepika Chahar, Shilpa Taneja, Shalini Bisht, Shubhi Kesarwani, Preeti Thakur, Atul Thakur, P.B. Sharma; Journal of Alloys and Compounds, Volume 851,2021,156878.

Patents

- A method for cobalt substituted zinc ferrite assisted photocatalytic degradation of methylene blue; Atul Thakur, Preeti Thakur, Deepika, Pritam Babu Sharma; 202011018761, 2020.
- Treatment of methylene blue using multiwalled carbon nanotubes; Atul Thakur, Preeti Thakur, Shalini Bisht;301911051085, 2019.

TECHNOLOGY TRANSFER-Nano particle based N95 Mask

AMITY UNIVERSITY HARYANA

3D MANUFACTURING OF N95 MASK AND NANO-COMPOSITE MATERIALS HAVING INHERENT ANTIMICROBIAL PROPERTIES

Benefits to the Society

- In-house manufacturing of N95 masks having enhanced properties using 3D printing technique to meet current high demands.
  - Antimicrobial – Hydrophobic – Skin-friendly
  - Economic – Reusable – Recyclable
- In-house design and production of polymeric raw material having antimicrobial properties
- Can be used to produce regular household products and accessories as well

Technology Transfer

First Phase – SWIFT PRODUCTION

USING PLACTIVE AN1™ – Innovative Nanocomposite

Scientifically validated eliminating more than 99.99% of pathogens

FDA Registered Material and EU compliant

Second Phase – MATERIAL RESEARCH

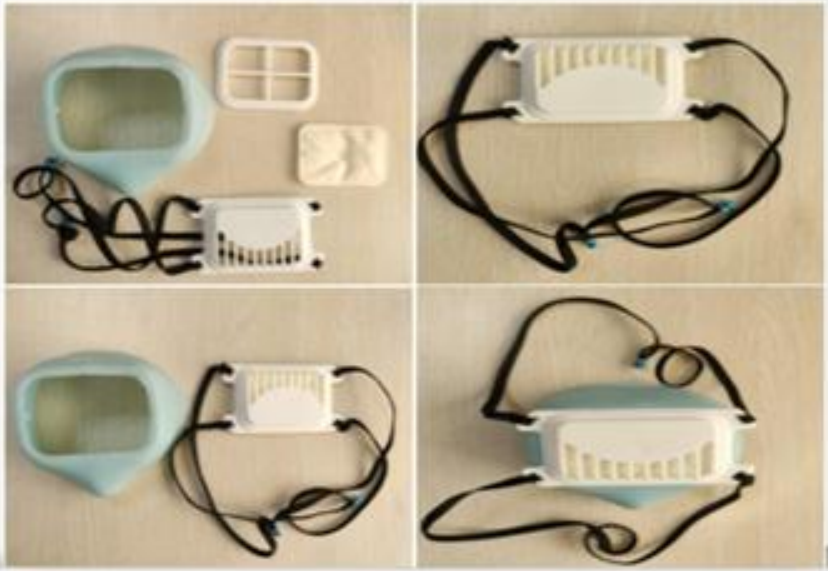
Conducting research to produce the high quality raw material in-house

Product with similar properties could be discovered using antimicrobial compounds
- Neem Extract, Turmeric, Aloe Vera, TiO2

Patent

- A Method for Preparing Nano-Composite Antimicrobial Polymers for Manufacturing Respirator Mask; **Dr. Preeti Thakur, Dr. Atul Thakur, Prof. Pritam Babu Sharma, Dinesh Kumar;** 202011031429, 2020.

3D Antimicrobial Mask



HIGH IMPACT RESEARCH PUBLICATIONS

Dr Arun Kumar Sharma- Hydrogel nanotube with Ice Helix as Exotic Nanostructure for Diabetic Wound Healing". Materials Horizons journal, Impact factor 13.2

Dr Ujjaini Dasgupta - A localized chimeric hydrogel therapy combats tumor progression through alteration of sphingolipid metabolism. ACS Central Science (Impact Factor 12.8), A Leading Interdisciplinary Journal of American Chemical society

Dr Ravi Datt Sharma - VapBC22 toxin-antitoxin system from Mycobacterium tuberculosis is required for pathogenesis and modulation of host immune response (June, 2020), Science Advances (Impact Factor 12.804)

HIGH IMPACT RESEARCH PUBLICATIONS

Dr Amit Kr Pandey - Repurposing of drugs: An attractive pharmacological strategy for cancer therapeutics, **Seminars in Cancer Biology (Impact Factor 11.09),** Seminars in Cancer Biology is a review journal dedicated to keeping scientists informed of developments in the field of molecular oncology on a topic by topic basis.

Dr Deepa Suhag - Water-templated, Polysaccharide-rich, Bio-artificial 3D Microarchitectures as Extra-Cellular Matrix Bioautomatons, **ACS Applied Materials and Interfaces, Impact Factor: 8.8**

Dr Amit Kr Pandey The implication of long non-coding RNAs in the diagnosis, pathogenesis and drug resistance of pancreatic ductal adenocarcinoma and their possible therapeutic potential. **BBA- Reviews on Cancer (Impact Factor 7.3) ,** BBA Reviews on Cancer covers the whole field of the biology and biochemistry of cancer

AMITY INNOVATION INCUBATOR

AUH has a clear philosophy to encourage and incubate technology based new enterprises with a mandate to strengthen collaboration between industry & academia and turn ideas into visible businesses.

Recently 2 projects have been funded under MeitY scheme:

(1) An Antimicrobial Face-Mask Using Nano-particle Coating

(2) 3D Manufacturing of N95 Mask having inherent Antimicrobial Properties

AMITY INNOVATION INCUBATOR
E-Cell GURGAON

More than 20 start-ups ideas are under active consideration.
5 EiR (Entrepreneur in Residence) and 1 startup shortlisted for incubation

AUH has been granted a funding of Rs 1.70 Crore over 5 years from MoIT under MeitY Startup Hub TIDE 2.0 G3C Incubation Centre.

INNOVATIVE PROJECTS AT AUH

Amity Humanoid Robot 2019

INFRASTRUCTURE AT A GLANCE

AMITY UNIVERSITY HARYANA

"Living and Learning in Harmony with Nature"

- Energy Efficient Building Designs
- A Fully Water Secured Campus
- Extensive Water Harvesting
- Wastewater Treatment, Recycle & Reuse
- 0.5 MW Solar Power Generation
- Herbal Garden and Herbal Drug Design and Development Centre
- Organic Farming & Bio-Gas Plant
- Vermiculture Composting Unit
- State-of-Art Academic and Research Infrastructure
- Largely Residential Campus – 250 Faculty and Staff Flats and 2160 Hostel Seats
- 20 Acre Sports Complex

LEED Platinum Certified Campus by **US Green Building Council**

LIBRARY RESOURCES

AMITY UNIVERSITY HARYANA

S.No.	Resources		Total
1	Books	Title	19587
		Volumes	51893
		Rare books	77
		Special collection	262
2	Print Journals	National	214
		International	44
3	CD-Rom Collection		1851
4	Newspapers	Print	8 (Qty. 37)
		Online	17
5	e-Journals (NDL & INFLIBNET)		3513912
	e-Books (NDL & INFLIBNET)		4464733
6.	Ph.D. Thesis		50
7.	Magazines		15

LIBRARY RESOURCES

LIBRARY FACILITIES

- Total covered area 50,000 sq. feet in two floors
- Reading capacity: 500 users
- Fully Air-conditioned
- Wi-Fi facility 24x7
- 20 PC (Desktop) for users
- CCTV camera
- Escalators, Lift & Laptop/mobile chargers facilities each floors

ACCESS TO LIBRARY

- All Stream highlighted on books racks
- Go to Library Web Portal(OPAC)

http://10.6.2.14 (within the campus)

http://1.6.141.244 (outside the campus)

USR - EXTENSION ACTIVITIES

- Mission Vision - To Eradicate Preventable Blindness
- Affordable Rural Innovation –Villages Adopted
- Visit To Old Age Homes / Slums
- Food Distribution • Health Camps • Blood Donation Camps
- Road Safety Road Shows
- Women Empowerment- SHAKTI
- YUVA- Youth for Nation Development
- Environmental Consciousness Camps
- Education Support to Children of socially disadvantaged group-workers (UDAAN)

EXTENSION ACTIVITIES




Health Screening and Awareness Camp at Para Village




Blood Donation Camps

AMITY MARATHON

AMITY UNIVERSITY HARYANA

MARATHON - 2017

MARATHON - 2018

MARATHON - 2019

MARATHON - 2020

INSTITUTIONAL VALUES AND BEST PRACTICES

AMITY UNIVERSITY HARYANA

ACADEMIC INNOVATION

The Practices

- Choice based credit system/ flexible credit system
- Soft Skill (Behavioural, Communication & Language)
- Student centric Pedagogical Innovation
- Industry Integration
  (Live projects, Industry visits & connects)
- Internationalization & Cross-cultural learning (SAP)
- Online learning provision & MOOCs Resources
- Student Involvement in Innovation and Incubation
- Certification Courses

Evidence of Success

- Interdisciplinary Study and Placements
- Scientific contributions by students
- Academia Industry Interaction

AMIZONE

The Practices

- Digital platform to automate University functioning
- Tool for transparency, accuracy and decision making
- ITC integrated teaching learning
  (LMS, MOOCs, Flipped classes)
- Digital communication (Students, Teachers, Parents)
- Feedback & Continuous assessment
- e-governance and paperless office

Evidence of Success

- Integration of all academic (examination, admission, daily functioning i.e. notices, time table) and administrative processes (Leave, resource allocation, purchase, no dues, parents monitoring) on single digital platform.
- Efficient decision making based on continuous dataset of Amizone

INSTITUTIONAL DISTINCTIVENESS

AMITY UNIVERSITY HARYANA

- Academic Flexibility and innovation in curriculum design and delivery
- Vibrant Culture of Research and Innovation from UG levels upwards

Strong Research & Innovation Ecosystem

- World Class Research Facilities
- Interdisciplinary Research Clusters
- Incubation and Startups Unit at Campus
- AMITY Herbal Garden and Herbal Drug Design and Development

Strong Focus on Green Practices

- Platinum LEED Certified Campus
- LED LAB-Leadership in Energy
- Environmental Design Certification Program
- Research Cluster on Environmental & Human Health
- National Environmental Monitoring Station and Air Quality Research Facility

Global Connect – SAP & Intranational Collaborations

FUTURE PLANS

- Readiness for Implementation of NEP-2020
- AUH Innovation Hub and Knowledge Park – Major Boost to Startups and Enterprise Development, Patenting & Commercialization of IPR, Built up space available in Academic Block-C (Ground Floor), Designs Developed
- Amity University Academic Network- Connected Smart Classrooms (Knowledge and Resource Sharing)
- AUH Online Degree Programs – Amity Future Academy
- Super-specialty Medical College and Research Centre- Synergy between Medical and Nano- Bio-Info Engineering

AMITY UNIVERSITY HARYANA

THANK YOU