



## **Jamia Hamdard Vision 2030**

### **A Roadmap for the future - VISION 2030**

Jamia Hamdard have stood the test with strong core value and objectives must plan their strategies and practices to adopt a changing world and society. It is therefore important to define the core ideology of Hakim Abdul Hakeem Sb to be implemented in Jamia Hamdard before he can discuss the road map to the future.

#### **Core Ideology of the University**

##### **VISION**

To be a leading University towards excellence in Higher Education of global standards and achieving aspires to be among the Top 50 Universities in the world by 2030 and Top 20 Universities in NIRF Ranking in India.

Our strategic vision will be governed based on these major areas.

1. Excellent Teaching, Learning and Students Experience.
2. Outstanding Research
3. Social Responsibility - Skills courses in social relevant sectors is one of the Priorities.

##### **MISSION**

Jamia Hamdard to achieve the Vision with the following objectives.

1. To develop and impart competency based education and training.
2. To enhance engagement with society and industry (Industry - Institution - Society interaction).
3. To upgrade and improve the Educational areas.
4. To develop the infrastructure of the campus.
5. To promote the entrepreneurial skills (IIC).
6. To improve the funding base.
7. To attract international students and adjunct faculty.
8. To enhance diversity and alumni engagement.
9. To upgrade the research skills and soft skills programme.
10. To develop a cleaner and greener campus.

##### **CORE VALUES**

The core values of Institute are Integrity, Excellence, Accountability, Transparency and Empathy.

- 1) **Integrity:** Research and Teaching shall be carried out in a conducive environment of academic freedom and honesty. The Jamia Hamdard will adhere to the standards of ethics in all its activities.
- 2) **Excellence:** Jamia Hamdard is committed to excellence in all areas of its activities and the Internal and external reviews of IQAC and will work towards improvement. The University will recognize exceptional efforts through awards and honours.
- 3) **Accountability :** Jamia Hamdard is deemed university as per the act of UGC and has been recipient of partial Government funds and recognizes that it is accountable to the society specially minority community since it is minority institution by act of parliament, NCMEI and all 115 stakeholders including management, Faculty, Students, Alumni and HNF.
- 4) **Transparency:** Jamia Hamdard will function according to defined procedures and rules as per UGC guidelines 2019 and CCS rules and also informs the sponsoring body HNF (HACA). Jamia Hamdard will make public all information related to its functioning as per UGC regulation 2019.
- 5) **Empathy :** Jamia Hamdard was established by Hakim Abdul Hameed Saheb and its motto is to help the weaker sections of the society. Meaning of “Hamdard” fulfils the meaning of empathy.

#### **STRENGTHS :**

- I. Land in South Delhi (Metro), Infrastructure and Location.
- II. Efficient Administration
- III. Visionary Leadership
- IV. Academic and Administrative Freedom
- V. Gender Equality

#### **OPPORTUNITY:**

- 1) The university has sufficient infrastructure and location.
- 2) Strong support from the sponsoring body HNF.
- 3) Excellent opportunity to give training to economically backward areas and minority community.
- 4) Situated in capital of the country
- 5) Having all the statutory approvals like NAAC, 12B and NIRF ranking with 50 Universities of the country.
- 6) Jamia Hamdard is known to be very good for health and medical educations.

## A) IMPLEMENTATION OF STRATEGIC VISION

### A. Research :

This is the facts that Jamia Hamdard has excellent research output and also equipped to meet the needs and aspirations of the students, faculty and research scholar.

Our research strategy will be:

- I. Research centres to be developed to focus on specific research areas in all the schools.
- II. Research grants to the University to be increased substantially across all the schools.
- III. To give highest priority to commercialization and translational research.
- IV. Inviting more international collaborations and scholars to the University.
- V. Develop incubation centre and strength institutional council.
- VI. To increase more fellowship from HNF.
- VII. Nominate best faculty for reputed awards of UGC, AICTE, ICMR, DST, DBT, AYUSH, DIT and ICSSR.
- VIII. Improve more revenue through consultancy services.
- IX. Developed more industry linkages.
- X. Start more programme with support of the industry.

### Targets :

The driving forces will allow us to achieve the targets. The identified targets are below:

- I. To become top 10 University in the country in terms of research output and its aim is to be best Universities in research excellence.
- II. The aim of the University to get published in high impact factor journals and also striving for *h-index* from the present status.
- III. At least five faculty members to be recognized by the Academy of Sciences and other academy.
- IV. University will create the Centre of Excellence on Inter Disciplinary Research.
- V. It will increase the consultancy to double the income.
- VI. It will have at least five innovations to transfer to Industry.
- VII. University will work towards increasing the grant received for research project by 20% annually.
- VIII. To conduct more research in social reference and can contribute to national development.
- IX. To increase marketing its IPR.
- X. Its aim is to make more industry friendly.

## **STRATEGY :**

Jamia Hamdard will undertake the following strategies to achieve the goals.

- I. Faculty with research excellence in the identified areas of research will be recruited.
- II. Every faculty will be advised to have at least two projects at any point of time.
- III. Research activities will be aligned with approved thrust areas.
- IV. Interdisciplinary research will be promoted
- V. Call for submission of proposals issued by funding agencies will be intimated to faculty.
- VI. Year wise research outcome of faculty will be made available in the website.
- VII. All the department will be required to have two consultancy services.
- VIII. Our research inventions will be commercialized incentives to faculty will be given.
- IX. Setup of strength IPR cell
- X. E-resources will be provided
- XI. Effective linkages with government bodies and national and international research laboratories and industries will be established and maintained.
- XII. State-of-the-Art facilities and equipments will be provided.
- XIII. Research ethics and integrity of the highest order will be maintained.
- XIV. To get more fellowship from the government funding agencies.
- XV. The right environment that attracts and retain faculty who are at the peak of the careers will be created.

## **B) FUTURE VISION AND STRATEGY.**

The University is committed to provide higher education with a holistic approach. The quality of higher education will be characterized by outstanding student experience, exceptionally, good learning environment, high quality of students and research productivity, employability of students, committed social responsibility and wonderful campus environment.

Our strategy for excellent teaching, learning and standards are given below:

1. To introduce innovative teaching learning methods that nurture creativity, innovation and scholarship.
2. To take steps for retention of teachers by providing better facilities.
3. To keep the academic programme vibrant by revisiting course curriculum at regular intervals with CBCS (Choice Based Credit System)
4. To continually enhance the quality of student experience through dynamic feedback mechanism and dialogues.
5. To attract and recruit the best quality of students and staff by providing quality facilities.
6. To produce good graduates and post graduates who are highly employable through placement and alumni profile.
7. To provide equal opportunities and accessibilities to student and staff.
8. To provide best facilities of students for extra circular activities and good lab facilities.

9. To appoint Training and Placement Officer and develop industry-academic linkages.

**Targets:**

To achieve the following targets:

- 1) National recognition and award for excellent teaching.
- 2) Campus recruitment of students to achieve in highest level or maximum.
- 3) Packages to students from the employers be at par with TOP Universities.
- 4) More success in CSIR/UGC-NET, DBT-NET, GATE, CAT, IES, UPSE and SPCSE.
- 5) More packages to the students through campus placements and arrange more intern training to students.

**Strategy:**

Strategies for excellent teaching and standards are below:

- 1) Highly qualified scholars will be recruited who have motivation for enhancing student's experience.
- 2) Good environments created for teachers and students.
- 3) Mentors and mentee will be created and maintained as per NAAC requirement.
- 4) Technical knowledge and work experience in conjugation with research skills will be provided that enhance the student employability and improve the quality of the students.
- 5) Higher education will be provided that effectively develops all round personality of students with responsibilities as good citizens of the country.
- 6) On campus interaction of renowned academics and civil servants and industrialist with students and staff shall be facilitated.
- 7) Learning outcomes of each academic course will be clearly outlined and evaluated with accountability.
- 8) Hands on teaching and learning will be involved.
- 9) Research will be embedded in teaching and research backed teaching will be reinforced.
- 10) Recognizing and rewarding excellent teachers
- 11) Teaching staff will be provided the opportunities to develop their expertise and academic profile in website.
- 12) Innovative approaches to teaching and learning with opportunities for pedagogic development will be emphasized through ICT, skill development and hands on training.
- 13) The best of resources like class rooms, e-journals, access to open courseware will be provided to faculty and students.
- 14) E-learning environment will be further enhanced to provide the latest information and communication technologies
- 15) Each and every teachers will be required to give priority time to students and teaching, this will be monitored.
- 16) Academic - industry linkages will be strengthened.
- 17) Performer will be recognized and duly rewarded.

### **C) SOCIAL RESPONSIBILITY :**

Social responsibility will be important in our teaching, learning and research. The university will endeavour using its expertise and knowledge to find solutions to the major challenges of the changing time that are affecting our society and country. The most important areas where University department are too involved in Mortality of infant, drinking water, sanitation and hygiene and woman empowerment. The HRD nurtured by the University will be imbued values of ethics, Integrity and leadership that will enable them to play pivotal roles in the society and the nation building. University known in Delhi and North India for its role in Transposing society economically and culturally by support of HNF and BEB.

- 1) Motivate and instil the values of social responsibilities in students and teaching and Non-teaching staff and concerns for the needs of the society.
- 2) To be known as a seat of higher learning for holistic development.
- 3) Inculcate plurality fellow feeling and tolerance.

#### **Target:**

- 1) Our best practices and innovations that contribute to social well-being will be communicated in a way to the society.
- 2) Scholarships will be provided to economically disadvantaged group through HNF and other bodies.
- 3) At least some success stories with proven advantaged and benefits to the society will be communicated to the public.

#### **Strategy:**

The flagship activities that have direct and indirect benefits for the society. The following are the strategies:

- 1) Programs will be undertaken to impart vocational skills training to disadvantaged groups and students
- 2) To set up incubation centre
- 3) Seminars and workshops will be organized on issue of global challenges like climate change, environments, renewable energy and water harvesting etc.
- 4) NSS and NCC and UBA activities will be energized in the University.
- 5) Opportunities will be provided to co-curricular activities and facilities created on the campus.
- 6) Our outreach programmes now going on will be continued and reinforced - on education Health and Hygiene.

### **D) ENABLING STRATEGIES FOR VISION 2030**

#### **1) Access to information :**

- The sponsoring body and University has invested in E- Infrastructure and provides access to information and Technology to staff and students as to contribute to quality of teaching, research and learning.
- E-Infrastructure will be upgraded library stock will be enhanced with books, journals and digital information.

Jamia Hamdard will work more towards :

- Providing support services for the facilities.
- Developed modernizing e-infrastructure
- Providing opportunities for students and teaching staff to use the latest technologies in teaching learning and research activities

## 2) Quality of Campus facilities :

- Jamia Hamdard is maintaining clean and green campus providing all basic amenities round the clock. The University will identify the problems and opportunities to further improve the facilities. It will take measures and ensure to keep all building in good condition and functional at all times.
  - 1) Building up a more robust smart campus
  - 2) Devising a plan for carbon management through campus development plan.
  - 3) Developing a campus blueprint that meets the emerging new environmental and sustainable requirements.
  - 4) International Students Hostel and Guest House will be upgraded.

3) **Internationalization** : The proper policy of internationalization of its academic program will be further strengthened and widened. We will ensure that internationalization is integrated in our approach to research, teaching. Take more attempts to strengthen the internationalization.

4) **Dissemination of thought on National Integration** : The concept and understanding of national integration is integral to personality and leadership quality development. Jamia Hamdard shall involve all students and staff in activities that will disseminate the spirit of national integration. More extension lecture, Birthday of eminent personalities and founder day will be conducted to achieve the goal.

5) **Health care** : Facilities and diagnostic services will be further improved in Hospital services by specialized doctors for treatment of CVD, Diabetes and mental health problem will be screened and setup the counselling centre for the students and staffs.

### Institutional Development Plan

1. Introducing Project "Segregation of Organic Waste its Recycling and Treatment (S.O.R.T)".



Jamia Hamdard has entered into an agreement with an NGO, Indian Pollution Control Association (IPCA), which is engaged in creating environmental awareness and implementing Integrated Solid Waste Management System across India since 2001. The NGO is actively working in the realm of environment for last twenty years and has successfully developed cost effective and environmentally sound techniques and strategies for Solid Waste Management (SWM) in India.

We are pleased to share here that we have installed six nos. of composters in the campus in coordination with IPCA. Following will be the functions:

- Get segregated waste at source.
- To enable Composter operators to compost kitchen and garden/horticulture organics, producing healthy organic Compost and manure to be used by the institute residents and outsiders.
- Increase recycling rate of Municipal solid waste through efficient segregation.
- Educate waste generators / consumers on efficient waste management.
- Promote local self-responsibility for a clean environment.

## **2. Conducting Electrical Energy Audit and Electrical Safety Audit.**

Jamia Hamdard had invited expression of interest (EOI) for conducting Electrical Energy Audit of Jamia Hamdard Campus, New Delhi from Certified Energy Auditors Firms by Bureau of Energy efficiency (BEE) or empanelled accredited Energy Auditors firms for Performance Achieve Trade (PAT).

Accordingly, the audit has been done. The scope of the audit included the following:

- Energy Performance Assessment of equipment and utilities in the electrical sub-station, Electric power distribution, HVAC systems, Electric motors and drives, Fans and blowers, Water pumping systems, UPS systems, Lighting systems, Diesel generator sets etc. and other associated installation & equipment of various buildings of the University including study of energy consumption pattern and management of power demand in the building.
- Based on the above observations, the focal areas have been identified to provide opportunities for energy saving along with cost benefit analysis.
- The recommendations for the same are being implemented.

## **3. Introducing “Green University” Concept.**

As a responsible Academic Institute, our University is willing to be a full-fledged Green University and also strive to bring greater emphasis on achieving a Greener World for the society. Our Green University concept is influenced by following sustainable values and practices:

- Conservation of local biodiversity
- Maximizing the Green landscaping.
- Minimizing the use of Chemicals.
- Water Conservation practices.
- Energy Efficiency and Renewable Energy sourcing.
- Natural Ventilation and use efficient Lighting.
- Adopting Sanitation performance standards, and cleanliness.
- Recycling and composting.
- Fuel efficient transportation.

- Reducing the waste and recycling.
- Herbal and Mythological Gardening.

### **Awareness-raising Events for Green Campus**

Day by day it is becoming a practice in many universities to go green and the whole week is celebrated as 'Green Week', not only creates awareness but becomes the practice of going green in one's life. Inter-University collaborations and competitions are also gaining popularity in the campuses; Universities are conducting competitions and challenges such as 'Recycle Mania' and 'Do it in the Dark', to recycle the most or save the most energy in a set period of time to sow the seeds in the life of students to become nature practitioner.

The role of students in helping to establish more environmentally friendly Universities cannot be underestimated. In many cases, students are the main drivers and developers of a project. The examples are there to be turned acres of barren campus land into a blooming farm that provides organic vegetables for both students and the local community.

In view of the above, Jamia Hamdard has been associated with Green Mentor. Green Mentors is UNGA Award winning Nature Driven Research Organization, bringing Power of Nature into Education through its Global Green Schooling Concept. United Nation has selected its Green School Concept as Global Solution and placed it on UN Global Innovation Exchange.

#### **4. Rain Water Harvesting System (2016-2021)**

In order to prevent the sheer wastage of rain water, Jamia Hamdard has developed the rain water harvesting system. Centre for Science and Environment has made the campus as a model Campus of harvested water. This facility is frequently visited by National and International delegations. University had received "Rain Water Harvester Award" in 2006 from the Government of Union Territory of Delhi. The details of rain water harvesting of the campus is given below:

##### **Rain water available for harvesting:**

- Total rooftop and surface area: 3,15,380 square meters
- Average annual rainfall in Delhi: 611 millimeters (mm).
- Total volume of rainwater harvested: 67444 cubic meters (m<sup>3</sup>) or 6,74,44,000 liters.

**This represents 35 per cent of the total rainwater harvesting potential.**

Rainwater from various catchment areas such as rooftop, surface runoff from open areas and runoff from the Jahanpanah Reserve Forest is harvested.

- **Rooftop Rainwater Harvesting at the Library Building**

Rainwater from the library's rooftop is taken to a desilting chamber measuring 2m x 2m x 3m through a closed drain. A baffle wall divides the desilting chamber into two compartments, settlement and filtering chambers. The rainwater first enters the desilting chamber, where the silt gets collected and then overflows into the filtering chamber. The filtering chamber has pebbles, which further filters the rainwater before diverting it into the recharge well. The recharge well measures

1.5m x 1.5m x 3m in size with a 30m deep recharge bore well measuring 100mm in diameter.

- **Rooftop Rainwater Harvesting at the Girls' Hostel**

Rainwater from the hostel terrace is diverted to a circular recharge well, 2m in diameter and 3m deep through a closed channel. A desilting chamber is created by constructing a baffle wall inside the recharge well. The rainwater from the terrace flows into the desilting chamber, where the silt gets deposited. The silt-free water overflows into the recharge well. Encompassing a bore well, is 100mm in diameter and 30m deep, where it is stored.

- **Surface runoff water harvesting near library building**

Surface runoff water from the paved and unpaved areas surrounding the library is collected in two trenches located in the eastern part of the campus (near Gates 5 and 6). The runoff collected near Gate 5 is diverted into a recharge well. Similarly, the runoff from the northern side of the building is drained into an abandoned open dugwell near Gate 6.

- **Surface runoff water harvesting from Jahanpanah Reserve Forest.**

The surface runoff water from the Jahanpanah reserve forest is collected in a pond from where it flows through a storm water drain adjacent to the Scholars' House. This runoff water is channelized into a desilting chamber and then into a recharge well with 2m x 2m x 3m dimensions and 1m high diversion wall.

- **Surface Runoff and Rooftop Rainwater Harvesting At Hamdard Archives & Research Centre**

The rooftop rainwater and the surface runoff water is collected in an open drain which runs adjacent to the building. This drain, measuring 450mm in width and 300mm in depth carries the rainwater into the desilting chamber. The silt-free water is diverted to a recharge well which has a bore well to recharge the groundwater.

**Details of Rain Water Harvesting Wells in the Campus:**

The detailed descriptions of rain water harvesting wells in the campus are given in the following table:

S.No.	Location	Number of wells (Nos.)	Roof Top Area (sqm)	Remarks
1.	Faculty of Science building	02	3130.00	Maintained
2.	IBN-e Batuta Hostel	01	1022.00	Maintained
3.	JLN Hostel	01	918.00	Maintained
4.	Scholar's house	01	1319.00	Maintained
5.	HIMSR Building	03	2400.00	Maintained
6.	Hamdard Convention Centre	01	2035.32	Maintained
7.	HARC Building	01	1854.00	Maintained
8.	Faculty of Pharmacy	01	2937.00	Maintained
9.	Unani Hospital	01	971.00	Maintained

10.	Central Library Building	01	2750.82	Maintained
11.	Well near Gate No. 6 (storm & road water)	01		Maintained
12.	CARPS Building	01	2016.00	Maintained
13.	HAHC Hospital	02	4522.00	Maintained
	Total wells	17 Nos.		Maintained

## 5. Solar Energy Tapping.

Jamia Hamdard campus has been equipped with grid connected Net-Metering Rooftop Solar Panels (HIT Module) of total capacity of 465 KWp at different buildings of the campus. This project was funded by HNF-HECA. The Solar Panels are generating on average 57,000 electricity units per month which means the University is saving around Rs. 7.40 lakhs per month on electricity bills. The University has been able to export some generated electricity to BSES. The University is also exploring feasibility to install about 300 KWp capacity Solar Panels at the roofs of other buildings.

The University has also installed a Solar Water Heating System at the hostels for students' use which is working very effectively.

## 6. Introducing E-Waste Management.

E-waste is any electrical or electronic equipment that's been discarded. This includes working and broken items that are thrown in the garbage or donated to a charity reseller like Goodwill. Often, if the item goes unsold in the store, it will be thrown away. E-waste is particularly dangerous due to toxic chemicals that naturally leach from the metals inside when buried.

The University has entered into an agreement with M/s. Sorditcon for collection of e-waste and its disposal through authorized source. The agency collects the e-wastes of Computer system, printers, mobile phones etc.

## 7. Construction of a building for Hamdard Institute of Legal Studies and Research (HILSR).

In view of the requirement for a separate building for HILSR, EOI was floated through Newspaper and University website for selection of Architects. After due procedure, the constituted Committee selected the Architect. Now, the Architect is working on the design, drawing and BOQ for both blocks as per approved Master Plan, 1999 upto permissible maximum height including basement. The site has already been approved in the Master Plan, 1999. Foundation Stone have also been laid by the Hon'ble Justice, Ms. Hima Kohli of Supreme Court of India on 17<sup>th</sup> March, 2023.

## 8. Construction of Super-specialty Hospital named Hamdard Medicity at Jamia Hamdard Campus.

The Sponsoring Body, Hamdard National Foundation has planned to construct a Super - Speciality Hospital near Gate no. 06 in the allocated area for Hospital

in the approved Master Plan - 1999

The Committee constituted for the said work with co-ordination of HNF-HECA had called 33 reputed architects and Project Management Consultants. After due diligence and going through their profile and power-point presentations, the Chairman, on the recommendation of the Committee and M/s. KPMG, has selected the Architect for the Medicity Project and also for the Revised Master Plan of the Campus. M/s. Colliers International have been appointed as the PMC. Some other agencies/consultants have also been engaged for the work of liaising, environment clearance, survey etc. The expensed are totally being borne by the HNF-HECA. We hope to complete the whole project by 2025.

**9. Construction of a Girls Hostel for 500 students.**

A proposal in the prescribed format including DPR, estimate prepared by PMC and details of minority students studying in Jamia Hamdard has been submitted to the Ministry of Minority Affairs seeking grant of Rs. 38.72 cr. for the construction of 500 bedded hostel for Girl Students under Pradhan Mantri Jan Vikas Karyakram (PMJVK). The approval/response from the Ministry is awaited.

**10. Development of Centre of Excellence for Unani Medicine.**

From the fund provided by the AYUSH, Govt. of India, the said work has been taken-up. After due process, the Architect was engaged and the work has been awarded. Now, the work is in progress.

**11. Modification of Computer Centre.**

In view of the utmost necessity of a well-equipped computer lab with latest gadgets and technology. The University decided to modify its existing Computer Centre. Accordingly, the work has been started and is in progress. The project is expected to complete within a month.

**12. Construction of Incubation Centre.**

The site of the left-over work of Dining Hall beside Scholars' House was selected for Construction of Incubation Centre. After due procedure, the Architect, M/s. Space Ace has been engaged @ 1.67% of the project cost. Now, the Architect is preparing design, drawing and BOQ for the same.

**13. Extension of SCLS/Administrative Block.**

To accommodate new courses along-with the courses of School of Management & Allied Health Sciences, the necessity of extension of SCLS Building was felt. Accordingly, a proposal for parallel extension of existing SCLS building has been prepared with the following details:

- i. As per approved Master Plan-1999, the building is situated at S. No. 01 of the same master plan along-with proposed area for future extension.
- ii. Total approved area is given as under:
  - a. Basement - 3993.96 sqm.
  - b. Ground coverage - 3993.96 sqm.
  - c. No. of floors (B+G+3) - 05 nos.
- iii. Out of the approved proposed area, about 600 sqm. ground coverage has already been constructed.
- iv. Remaining approved area which can be constructed to accommodate the above said courses are as under:
  - a. Basement - 3400.00 sqm

- b. Ground coverage - 3400.00 sqm.
- c. No. of floors (B+G+3) - 05 nos.
- d. Total Proposed area to be constructed- 17,000.00 sqm.
- v. Tentative estimated cost @ 27000/sqm. will be **Rs. 45.90 crores say Rs. 46.00 crores.**

Cost & area may vary as per actual Architectural plan, design & estimation. Since, it is a major work, therefore, services of Architect/PMC will be required.

The work will be taken only after checking of structural stability of the building. In this regard, School of Planning & Architecture, New Delhi has been approached. In response, SPA has submitted its technical & financial proposal. The scope of services i.e., rapid screening, mapping of seismic irregularities in the building, NST, structural analysis etc. are under perusal for further process.

#### **14. Development of Auditorium of 400 seating capacity at 1<sup>st</sup> floor of Gymnasium Building.**

A proposal to explore the feasibility to convert/develop the existing first floor of Gymnasium building into an auditorium of 400 seating capacity, equipped with all latest gadgets. Currently, the said building is having unfinished facilities of staircase, lift-well, office area, washrooms, pantry area with two big sized halls facing towards Cricket ground. Total covered area of the said floor is about 800 sqm. The work will be taken-up after engagement of the Architect.

