

MINUTES OF THE SECOND MEETING OF THE PLANNING & MONITORING BOARD (P& MB) OF JAMIA HAMDARD HELD ON 5TH OCTOBER, 2016 AT 3.00 P.M. IN THE BOARD ROOM, VICE-CHANCELLOR'S SECRETARIAT, FIRST FLOOR, ADMINISTRATIVE BLOCK, JAMIA HAMDARD, HAMDARD NAGAR. NEW DELHI.

Present:

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| 1. Prof. S. E. Hasnain, JH | Chairman |
| 2. Prof. Mohd. Miyan, JH | Member |
| 3. Prof. Moinuddin, JH | Member |
| 4. Prof. M. Junaid Siddiqui | Member |
| 5. Prof. Nadeem Siddiqui, JH | Member |
| 6. Prof. S.S. Anand, JH | Member |
| 7. Mr. B. Bose, JH | Member |
| 8. Dr. Suhel Pervez, JH | Member |
| 9. Dr. Firdous A. Wani, JH | Member - Secretary |

The following attended the Meeting as 'Special Invitee'

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| 1. Mr. M. A. Zargar | Finance Officer |
| 2. Dr. Amit Hajela, | MD, M/s. NEEV Architects IUDC Pvt. Ltd |
| 3. Mr. Vivek Mahajan | COO-MEP,dbHMS associate of Neev Architects |
| 4. Mr. Nitin Tyagi, | Conqueror Energy Pvt. Ltd. |
| 5. Mr. Harsh Sahey | Conqueror Energy Pvt. Ltd. |
| 6. Mr. Himanshu Rathi | Conqueror Energy Pvt. Ltd. |

Leave of absence was granted to Prof. Shivaji Rao Kadam, Nominee UGC, Vice Chancellor, Bhartiya Vidyapeeth, Pune, Maharashtra, Shri Ajay Gupta, IP University, New Delhi and Shri B.S. Rawat, JNU, New Delhi due to their prior engagements.

The Chairman welcomed all the members and thanked them for sparing time to attend this meeting. The meeting was then taken forward with the presentation on the JHU Comprehensive Master Plan by Mr. Amit Hajela and Mr. Vivek Mahajan.

The contents of the presentation included following:

- I. Overview
- II. Introduction
- III. Campus diagnostics
- IV. Campus analytics
- V. Goal & vision
- VI. Sustainability
- VII. Campus structuring
- VIII. Master Plan Proposal

- IX. Area Statement
- X. Transport Design management
- XI. Proposed buildings
- XII. Comparative condition analysis
- XIII. Landscape
- XIV. Services

1. The architect presented the background of the campus and the patterns of growth over the last five decades, the fundamental issues related to physical development and existing infrastructure and the need for a Redevelopment Plan. A comprehensive presentation laid emphasis on the Vision, Themes, policy framework, Strategic and Implementation framework and the development potential. The Master Plan for a period of 15 years has been prepared after detailed audit/analysis of the campus and has been zoned into four major areas and old buildings have been integrated with the new proposed buildings to add capacity and further enhance the growth potential of the campus.
2. The architect explained the details of each zone, the major spines and the designed public spaces of the campus along the plazas, quads, conservation of natural zones etc. The landscape strategy for the campus emphasizes the conservation of natural landscape and the designed open spaces besides augmenting the balance areas in a manner that respects the slope, drainage and the existing eco system. The plan specifies the planting pattern for periphery and internal zone keeping into consideration the existing trees and further reinforcing them by selected species. The key feature walls, urban furniture elements, water bodies and their details were also presented.
3. During the presentation the Hon'ble Vice-Chancellor enquired about the expression of the new buildings. The architect informed him that the campus has diverse Architectural Expression as several architects have designed different buildings over the last 54 years, however, the continuity and coherence of the campus has been strategized in the CMP by respecting the typology and use of materials besides identifying key architectural elements specified through Campus Design Controls to be used in future.
4. On enquiry from Prof. Mohd. Miyan regarding the Master Plan proposals ,the architect informed him that the plan had already been approved by the University an HNF in 2014 and subsequently the approval of the same has been accorded by the statutory bodies-SDMC etc.
5. Prof Anand enquired about the Cost Projections for the same and was informed by the Registrar that the costs have been worked out and the work can be carried out as per the priority laid out by the University. The architect further informed him that Cost Modeling has been done for each parcel of land including the building and appurtenant

development of the parcel and costs have been derived on the basis of DSR 14 and an annual index of 8% has been loaded for the fifteen year period to derive the costs under each component.

6. Mr. Vivek Mahajan made a detailed presentation on the comprehensive Campus services by integrating the existing infrastructure and further augmenting the Electrical, Mechanical, Water Supply, Sewage, Storm Water, Irrigation Systems, Fire Fighting Systems and Non-Conventional Energy systems like Solar Energy and Biomass. This is for the first time through the Master Plan that all the services have been integrated. The detailed engineering design takes into account the trunk mains along the two major spines and the branches from each development parcel is integrated to the trunk mains. The campus will be provided for a 33 KV Substation and further stepped down to 11kv through seven ESS. The campus would have four STP's and a detailed plan has been prepared for waste management of the campus. The detailed drawings and calculations have been provided to the University for implementation. He further explained the strategic framework for the campus services and various alternative technologies to make the campus zero discharge further leading to Net Zero Buildings (the new Constructions). The Sustainable Design Model for the campus uses the principle of 5R's and it is proposed us solar energy to offset the total energy demand for all buildings. Mr. Mahajan also presented case studies of projects to reinforce the actual application of the technologies in other Indian Universities.
7. The architect informed the members that all the detailed drawings of the CMP have been submitted to the University along with detailed Engineering calculations for implementation.
8. Mr. Nitin Tyagi, Mr. Harsh Sahey and Mr. Himashu Rathi from Conqueror Energy made presentation on implementation of Solar Energy systems on the campus. After detailed presentation and discussion, it was decided to have a proposal from M/s Conqueror Energy after survey of the campus. Further, they should prepare a workable model for Jamia Hamdard.

The meeting ended with vote of thanks to the Chair.

(Dr. Firdous A. Wani)
Secretary,
Planning and Monitoring Board