

MBS SCHOOL OF PLANNING AND ARCHITECTURE

SECTOR – 9, DWARKA, NEW DELHI

GGSIU University

REPORT ON

Faculty Development Programme

Theme: " Architectural Exploration: Past to Present"

Details of the event:

MBS school of Planning and Architecture hosted the Faculty Development Programme from 22nd to 26th July, 2019 on the theme " Architectural Exploration: Past to Present". The major objective of the of the event was to provide extensive learning for faculty members and giving them a chance to enhance their knowledge of architecture by providing a platform for exchange of ideas.

The following poster was displayed about the event and invited the participants for the Faculty Development Programme.

Day 1

22nd July, 2019

Time: 10am

Venue: Seminar Hall, MBSSPA

The day began by registration of all the delegates and welcome tea for all the participants. The session was then inaugurated by lamp lighting and a speech by the Organizing Secretary Prof. V.K. Bugga and Director MBSSPA Prof. Bijay Dash. The event was attended by 30 delegates.

MBS SCHOOL OF PLANNING AND ARCHITECTURE

SECTOR – 9, DWARKA, NEW DELHI

GGSIIP University



Post lunch the speaker of the session was Mr. Navin Piplani, who spoke on the topic, "How to value our past". Navin Piplani, currently working as principal director of INTACH, has acquired knowledge and hands-on skills in historic building conservation by working on several significant architectural conservation projects in India and Europe. In 2002, he was engaged in the architectural conservation of the World Heritage Site of Taj Mahal and its environs. He assisted Prof. AG Krishna Menon, eminent conservationist in India, in the preparation of the Charter for conservation of unprotected architectural heritage and sites in India, which was adopted and published by the Indian National Trust for Art and Cultural Heritage on November 4, 2004. The speaker was welcomed with bouquet of flowers by Director Prof. Bijay Dash.



The session was dedicated to the theme Heritage and Conservation, it focused on importance of Conservation of heritage buildings. The session was very well conducted and was very informative. The day was concluded by giving a token of appreciation to the speaker and a group picture was taken.

MBS SCHOOL OF PLANNING AND ARCHITECTURE

SECTOR – 9, DWARKA, NEW DELHI

GGSIU University



Day 2

23rd July, 2019

Time: 10am

Venue: Site Visit to Humayuns tomb and Sunder nursery

The second day was dedicated to gaining first-hand experience of the theme Heritage And Conservation. All the participants had to reach directly at the entrance of Meena Bazaar parking lot at 9am, from where the heritage walk had to begin. The walk covered Jain temples and a walk through the old city of Delhi. The site visit gave a detailed understanding of the fabric of old muhallas. The visit was conducted by Ar. Abhishek. Post the walk all the participants took a lunch break and then by a bus, proceeded to humayun's tomb.



MBS SCHOOL OF PLANNING AND ARCHITECTURE

SECTOR – 9, DWARKA, NEW DELHI

GGSIU University



The FDP continued to explore the conservation work done at Humayun's Tomb followed by an enchanting rendezvous of the newly developed heritage park Sunder Nursery - Delhi's Heritage Park, which was conducted by Ar. Sumedha.



The walk helped in providing an insight of various conservations works in the city and it's details. The walk stimulated the delegates to think deeply about architectural heritage and cultural infusion.



MBS SCHOOL OF PLANNING AND ARCHITECTURE

SECTOR – 9, DWARKA, NEW DELHI

GGSIIP University

Day 3

24th July, 2019

Time: 10am

Venue: Seminar Hall, MBSSPA

The day began by welcoming Ar. Iqtedar Alam, Assistant Professor from Jamia Millia Islamia. He completed his bachelors and masters' degree from Jamia Millia Islamia, with a gold medal. He worked as an Architect at Aga Khan Trust for Culture, New Delhi, India for two years and then joined teaching in Jamia Millia Islamia, where he is currently teaching. He has presented and published various papers and attended many workshops. He gave a lecture on Modernism and Post Modernism in 20th C : An Architecture in transition.

His lecture began with introduction of what Modernism means in context of Delhi and other cities of India. Then he briefly introduced the content of his presentation for the day. He talked about various architects who followed modern style of architecture and their work. He began with discussion on work of Aldo Rossi and his attempt in buildings with respect to modern style of architecture. He elaborated on the common man's perception of modern style of buildings and their critical reviews. He mentioned about various transformations that took place during the time, in terms of culture, territoriality, and technical evolution. Then he discussed about another architect Paul Klee and his work Angelus Novus, built in 1920. The presentation discussed about its representation of the idea of continuity of past and symbolism used. It talked about utility, beauty and firmness in buildings. Then the presentation discussed about various movements that were followed at that time like city beautiful movement, garden city movement etc. He helped in creating a detailed timeline in mind of the listeners', of all the historical events that took place in different parts of the world and their link with the modern and post modern movement. It help to clarify the impact of the movement on buildings in different parts of the world and their interconnection. The presentation was elaborate and comprehensive. The lecture being exhaustive of all data related to the topic continued for two sessions.



A tea break was given in between the lecture, where the delegates received a chance to have personal and group discussion with the speaker to clarify their doubts and have an elaborate discussion on the topic. The speaker Ar. Iqtedar Alam, was thanked for the great presentation and Prof. V.K. Bugga handed over a token of appreciation to Ar. Alam. The speaker stayed for the lunch, held in MBSSPA canteen at 1:30pm where more elaborate discussions took place. The session was very informative and thought provoking.

MBS SCHOOL OF PLANNING AND ARCHITECTURE

SECTOR – 9, DWARKA, NEW DELHI

GGSIU University



The lunch session ended at 2pm and all the delegates assembled back in seminar hall post lunch.

The speaker for the third and fourth session was Ar. Nilanjan Bhowal. He practices as the Principal Architect at Design Consortium since 1993. His practice includes projects spanning all over the country from Pahalgam and Gulmarg in Kashmir in the north to Cherai beach in Kerala in the South, to Goa and Mumbai in the west to Kolkata, Bhubaneshwar & Manipur in the East. A Gold-Medallist in Architecture from Institute of Environmental Design, Gujarat, he earned Masters in Architecture from Katholieke University, Belgium and post-graduate specialization in energy-efficient architecture from Istanbul Technical University.

Ar. Nilanjan Bhowal began by introducing himself and took an introduction of all the participants. He began his presentation by a famous quote of a philosopher Juhani and discussed about tussle between buildings and environment. He discussed about issues of climate change and its impact. Then he discussed regarding organic architecture, green buildings and sustainability. He emphasized on four major parameters which need to be considered while designing a building, namely, tradition, context, sustainability and technology. His presentation discussed traditional methods of building. He then elaborated on various projects undertaken by their office, where various methods were used, to create sustainable building complexes. The various design parameters of various projects were discussed in detail and how different technology was used in construction. The session was very informative and generated an in depth discussion amongst the listeners.



He was thanked for the informative presentation and was presented by a token of appreciation by Director MBSSPA Ar. Bijay Dash. It was followed by a group photo and evening tea. Post the tea break a question answer session was held with the speaker. It provided an insight in terms of how various sustainable techniques are used on sites under different context.

MBS SCHOOL OF PLANNING AND ARCHITECTURE

SECTOR – 9, DWARKA, NEW DELHI

GGSIU University



Day 4

25th July, 2019

Time: 9:30am

Venue: MBSSPA Campus; CSE, Tughlakabad and Indira Paryavaran Bhawan

All the delegates assembled in MBS college in morning and Tea and snacks were served in the college. A bus was arranged for travelling to the campus of CSE (Centre for Science and Environment), where the first two sessions were to be held. The bus arrived the CSE campus, located at: 41, Tughlakabad Institutional Area, Vayusenabad, Near Batra Hospital, New Delhi; around 11:30am.

Centre for Science and Environment (CSE) is a non-profit public interest research and advocacy organisation based in New Delhi, India. Established in 1980, CSE works as a think tank on environment-development issues in India, poor planning, climate shifts devastating India's Sundarbans and advocates for policy changes and better implementation of the already existing policies. CSE uses knowledge-based activism to create awareness about problems and propose sustainable solutions.



At CSE all the delegated assembled in their seminar hall, where an architect from their team Sugeet Grover gave an introduction about CSE and their works. He talked about the role played by CSE in waste water usage in Coke company. It was told that they work as a think tank and work to keep the government informed about various issues. Then he took all the delegates around the campus to explain the planning of the buildings in detail. An elaborate discussion happened regarding building

MBS SCHOOL OF PLANNING AND ARCHITECTURE

SECTOR – 9, DWARKA, NEW DELHI

GGSIU University

orientation, directions opening sizes, coverings etc. Few more members from CSE joined the campus tour, to explain in detail about waste water treatment and the process followed.



They also elaborated on rain water harvesting system used in the campus. A detailed discussion was done on how the waste segregation, disposal and treatment process is taken care of in the campus. The session provided in depth information on implementation of various processes. The session was followed by lunch, prepared in CSE canteen and served in their cafeteria.



Post lunch all the delegates assembled for a group photo and then boarded the college bus to reach Indira Paryavaran Bhawan, located at Jor Bagh road, Block 17, Lodhi colony, New Delhi. Paryavaran Bhawan, newly constructed in New Delhi, is India's first on site net zero building. Its features include a passive solar building design. The project, started in 2011 and was inaugurated on 25th February 2014. The building has qualify as a five-star GRIHA and a LEED Platinum rating. The building has its own solar power plant, sewage treatment facility, and geothermal heat exchange system.

At the Indira Paryavaran Bhawan campus, we were given a site tour of the campus. The tour began by discussing about the basic planning of the campus with help of the model of the campus. It was explained how the buildings were oriented and how it is a sustainable building. They discussed about the sewage treatment plants installed in the campus and advantage of 2844 solar panels installed on the roof and central courtyard to shade and generate energy. The delegates were taken around their building and were shown the automated parking system in detail. Its working was explained in detail and a demonstration was also done. Then they showed and explained their sewage treatment plant. Then all the delegates were taken to a conference room where a movie "Green good deeds" was projected. The video discussed their sustainable initiatives. Then a video was shown discussing about the planning and designing of the building and how the building is able to reduce and efficiently

MBS SCHOOL OF PLANNING AND ARCHITECTURE

SECTOR – 9, DWARKA, NEW DELHI

GGSIIP University

utilise various resources. It was an educative and informative trip. In the end the delegates were served with refreshments and the day was concluded.

Day 5

26th July, 2019

Time: 10am

Venue: MBSSPA Seminar Hall

The last day of the event began by welcoming Mr. Sanjay Khanna the General manager of DFL Real estate company along with his colleague Mr. Mukul Gupta.

The topic of the session was on use of "Latest Construction Technology". They by explaining how technology helps in construction process in terms of improving efficiency; reducing use of resources; improving financial control; reducing time; improving safety and reducing environmental impact of project. Then they explained by discussing the advantage of sensors in manufacturing process. The presentation elaborated on advantage of BIM (Building Information Modeling) in managing a project. They discussed, how it helps in generating 3D models to capture, explore and maintain consistent and coordinated planning. Then a video was shown, explaining the use of aluminum formwork, its process and advantages. The process was then discussed and elaborated in great depth. The session was then resumed after a tea break, where the concept was further discussed in detail, with help of another video. It showed the whole process of construction along with the time schedule, phasing process, sequencing of various stages of work. Then it was discussed how technology has evolved to a great extent and has helped in overall coordination of various stages and services. BIM process helps to minutely detail the complete process of construction, adding of services and infrastructure around it. The concept of futuristic construction technology and use of sensors in buildings was discussed in detail. Then the session was opened for question answer session. The session was informative and created a better understanding of fast pace construction to the audience. Then the speakers were thanked and were given token of appreciation by Director Bijay Dash and Prof. V.K. Bugga and the session was concluded and followed by lunch.



Post lunch the event was summarized and all the delegates were thanked. A special thanks was given to The Chairmen, MBSSPA and President of MBSSPA. The coordinators thanked our mentor and event organizing Secretary Prof. V.K. Bugga and Director MBSSPA Prof. Bijay Dash. All the speakers for various sessions, members of administration and participants

MBS SCHOOL OF PLANNING AND ARCHITECTURE

SECTOR – 9, DWARKA, NEW DELHI

GGSIU University

were thanked. Then certificates of participation were distributed to all the participants of the event by Prof. V.K. Bugga and Prof. Bijay Dash.



Then a speech was given by organizing Secretary Prof. V.K. Bugga, where he talked about the relevance of various topics covered during the event and its usefulness in providing knowledge to the listeners. He wished all the participants a great future and concluded the session.



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