SCHOOL OF PLANNING & ARCHITECTURE

INNOVATIONS & RESEARCH

COMPLETED WORKS – PAST 3 YEARS


In collaboration with atrium publishers, Barcelona to create an architectural guide book for Jaipur city showing new and unexplored historic structures

b) **Documentation of rajgarh palace, khajuraho**

Rajgarh palace, khajuraho being documented and measured drawn by a few selected students of IV, III and II year. The Rajgarh Palace, Khajuraho is a 300 years old Bundela Style of Architecture Palace, which also served as a significant Palace in the region of Bhundelkhand, located near the Panna forest in Khajuraho dist. Madhya Pradesh, India. This palace and the estate around is proposed to be developed as a Hotel by Oberoi Group of Hotels. Their officated Architect Ravi Gupta gave the scope of preparing the measured drawings of the historical palace to one of our faculty member, Ar. Yash Pratap Singh Shekhawat. He worked with a team of 6 students of III, IV and V year namely, Shubham Kumar, Rajat Narang, Shailesh Vaishnav, Harsh Babbar, Ayush Kumar, Mudit Lodha. The project was initiated in August 2017 and got finished in a time span of 3 months.

A set of plans, elevations and sections with internal room elevations were handed over to the concerned Architect.

c) **34 step wells of Jaipur**

Field surveys and measured drawings for 34 step wells of Jaipur region under “Jaipur smart cities ltd.”

The project was initiated by Jaipur Smart Cities Limited under the vision of then Chief Minister of Rajasthan Smt. Vasundhra Raje Scindia in Feb, 2018. However, the project was scrapped halfway due to a shift of government in dec 2018. The vision behind this project was to revitalize the stepwells in Jaipur region which then required a mapping of activities around 400-500 metres around the stepwell along with building level measured drawing of the structure. This project was handed over to our faculty, Ar. Yash Pratap Singh Shekhawat by the JSCL consultant Cadcon Engineers Pvt. Ltd. The professor involved 5 students of SPA,
PU namely, Deepak Yadav, Dharmendra Singh, Hariom Vidhudhi and a few more to work on the project. Before the project got scrapped they had completed the documentation of approximately 20 stepwells out of 34 required stepwells.

d) **Water supply systems of Jaipur**
A new water works museum is proposed under the project of river front development of Dravyavati River. The students and faculty are involved in carrying out the background research of history of water works in Jaipur.

e) **The vanishing Stepwells of India**

**ONGOING WORKS**

a) **Jodhpur travel guide book**
Poornima university in collaboration with altrim publishers, Barcelona to create an architectural guide book for jodhpur city showing new and unexplored historic structures

b) **Bikaner travel guide book**
Poornima university in collaboration with altrim publishers, Barcelona to create an architectural guide book for bikaner city showing new and unexplored historic structures

c) **Jaisalmer travel guide book**
Poornima university in collaboration with altrim publishers, barcelona to create an architectural guide book for jaisalmer city showing new and unexplored historic structures

d) **Book- architectural styles of mewar**
Poornima university in collaboration with maharana mewar charitable fund to create an architectural detail book. Faculties involved are yash pratap singh, manas sharma

**PROPOSED WORKS**
Documentation - we are in process of identify some private properties in mandawa region which can be documented.
1.2. INNOVATIONS
COMPLETED WORKS - LAST 3 YEARS DATA

a) Jacket Bags (Multipurpose bag)

b) Archi bag
c) Cement bag structure and canteen sitting in PU

Structure made up of sustainable material eg. Mud etc. Activity – NASA 2019

d) Sculpture

INSTALLATION IN ARCHITECTURE DEPT (SPA), MATERIAL USED- TYRE
YEAR - 2017

SPACEFRAME IN ARCHITECTURE DEPARTMENT MATERIAL – PVC PIPES
SPACEFRAME IN ARCHITECTURE DEPT (SPA), MATERIAL – PVC PIPES

INSTALLATION IN ARCHITECTURE DEPT (SPA), MATERIAL USED- MDF
YEAR - 2018

INSTALLATION IN ARCHITECTURE DEPT (SPA), WALL PAINTING
YEAR - 2018

INSTALLATION IN ARCHITECTURE DEPT (SPA), MATERIAL USED- MDF
YEAR - 2018
PROPOSED WORKS

a) We will encourage getting designs or projects of faculty and students for copyright. We will identify them by April ’20. We will identify 5 best design project from final year and then will work with (intellectual property right) IPR cell to get them published.