

---

## A Study of the Change Trend of Porch in Houses of Nehbandan from Qajar to Pahlavi

Zahra Roshandel<sup>1</sup>

Hassan Hashemi Zarj Abad<sup>2</sup>

Hamid Reza Ghorbani<sup>3</sup>

### Abstract

Traditional houses of Nehbandan have the most compatibility with the nature and climate. Architects could satisfy the needs of the inhabitants of the houses with an appropriate design and considering the comfort of users in a simple way. One of these spaces is porch locating in front of the rooms in a semi-open space in housing architecture which allows the access to the internal spaces with different uses. Porch is regarded as one of the evident features and as the most important part in the body structure of the traditional houses of Nehbandan in South Khorasan which cover from Qajar to Pahlavi in terms of dating. In this course, firstly we deal with the concept and history of porch in the past era, and then we investigate the porch typology and how porches change according to the selected houses. The data are collected according to the field and library researches of the authors. The important features of them include zigzag ovate, semicircle arches and ribbed vault and rocking coverage. Findings show that porch in the studied houses was affected by the previous works of Iran and Islam and appeared in various forms of multi-porch and uni-porch with simple decorative plans. Thus, the aim of research is to study the changing trend of form and structure of porches in houses in the target periods.

**Keywords:** Historical Houses, Architectural, Porch, Nehbandan, Qajar, Pahlavi

---

1. MA Student, Archeology, Birjand University; Email: zroshandel34@yahoo.com

2. Associate Professor, Archeology, Birjand University; Email: hhashemi@birjand.ac.ir

3. Assistant Professor, Archeology, Birjan University; Email: ghorbani.hr@birjand.ac.ir