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ENHANCING QUALITY RESEARCH &  
**INNOVATION**  
for  
**SOCIETAL**  
**DEVELOPMENT**





**P-297      The Design of Private Garden in Intermediate Double-Storey Terrace Houses**

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Garden is a space that provides a place for relaxation and enjoyment of nature to the users. A garden may be setup in any suitable space despite the size of the site – be it small or large. In relation to this research, the term ‘private garden’ is used is to refer to the designed open space within the private residential area. This research is primarily focusing on the intermediate double-storey terrace houses in urban area of Kuala Lumpur which have small outdoor space for gardening. Due to space limitation, some of the residents might turn to be creative in designing their private garden but some might find it difficult. Therefore, this research is crucial to investigate how the space limitation may influence the creativity of the residents of particular housing area in designing their private garden by adopting observation and interview as the methods for data collection.

**P-298      The influence of Malay crafts in creating the image of the urban street**

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Urban street is one of the components in influencing image of the city. The current trend of urban streetscape elements in Malaysia is control by the overflow of external influences which are originated from western countries. More research is conducted in urban design aspect as the weakening of image and character of the city has loosened the identity of Malaysian society. This situation should be given more attention since contemporary and modern elements which characterized our city is not appropriate to the local cultural, in fact make our city less significant with typical worldwide character. Therefore, Malay crafts adaptation in urban streetscape elements is seen as one of the ways to form our own urban image and distinguish urban context in Malaysia from other countries.

**P-303      Redesigning Mosque Sundials-(Conservation of Sundials)**

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This project is aimed at rehabilitating an important traditional cultural artifact, the sundials of Serkam Pantai Mosque in Malacca. The sundial has traditionally been used before the advent of mechanical clocks and watches to tell time of day and also to indicate the prayer times at the location by using shadow cast from the sun. It is an old heritage but not many are found in Malaysia. Therefore, it is aim to revive the fading of the world Islamic heritage of sundials in Malaysia.

This project shall attempt to study the background of the device, analyze present design of the sundial, and identify problems and issues, to propose design to revise the existing sundial, to enhance the functions of the sundial by proposing alternative designs.