

Junior Researcher Mentoring Programme

2023

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| Code: | JRMP2023_47 |
| School / Department: | School of Design |
| Name of Research Team Member(s): | Dr Brian Lee, Associate Professor Ms Tsang Wai Man, Assistant Officer |
| Research Topic: | In Search of Local Sustainable Material for Promoting Circular Design |
| Short Description of the Research Project: | <p>It is an emergent enquiry for designing the higher education curriculum in envisioning and creating a sustainable society. In recent years, project-based training at the undergraduate level has been incorporated with multi-disciplinary collaboration amongst students, faculties, NGOs, social enterprises and or other local and regional stakeholders who are attempting to explore design for the circular economy. Methodologically, participatory design, co-design and system design approaches are being developed at the academic, government, and business levels. Pedagogically, to facilitate the integrated nature of the approaches mentioned above, domain knowledge and a system of resources of eco-material, production and distribution channels are critical catalysts for connecting different stakeholders. Besides, the contexts of various design projects may vary and could be quite specific. This type of learning requires students to equip with higher research capability.</p> <p>Currently, there is a limitation of information about local and regional resources of eco-material and actual design exemplars, in particular, lacking physical samples and authentic cases in Hong Kong/ Pearl River Delta (PRD), which</p> |

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| | <p>scanty first-hand learning experience weakens students' learning actively. On the other hand, most references and design cases are done overseas. This research is an ongoing initiative undertaken by the Asian Lifestyle Design Research Lab and Materials Resource Centre, School of Design, The Hong Kong Polytechnic University (PolyU). The participating students will assist the team in identifying, collecting and examining the potential eco-materials made in the region. They will be guided to develop the local eco-material archive and create an exhibition showcased in PolyU.</p> |
| No. of Places Offered: | 2 |
| Frequency of Meetings: | Bi-weekly |
| Special Requirement(s): | The participating students should be good at storytelling; have visual design, material design and tech backgrounds. It is preferred to have AI and Photoshop experience. |
| Remarks: | <p>Local Eco-material Archive and Mini-Exhibition Deliverables:</p> <ol style="list-style-type: none"> 1. Local material research; 2. Collect the local eco-material from the selected list; 3. Report local material and production model; and 4. Create a mini-exhibition in the Material Resource Centre (MRC) at PolyU |

** The information presented above is subject to change.*