



建構民眾可負擔、安全、對環境友善，
且具韌性及可永續發展的基礎建設



建置東部神經科學研究基地

花師教育學院亮點腦科學與認知學習計畫為配合旗下教育神經科學實驗中心之建置以及後續研究規劃，於 2021 年 5 月份搭配高教深耕計畫向皮托科技有限公司採購眼動儀與腦波儀，並於 10 月 8 日與 22 日針對教師、碩博士生、大學部學生，以及外校教師進行儀器訓練。透過本次工作坊針對眼動儀實際操作與撰寫實驗設計的訓練模式，除提升學生對於實驗心理學、認知神經科學實驗研究的基礎認識之外，更期望能夠以花師教育學院亮點計畫所成立之教育神經科學實驗中心做為東部神經科學之研究基地，培育出跨領域研究興趣之學生與老師，成為東華花師教育學院之一大亮點特色。



The Establishment of East Taiwan Neuro Science Research Base

To build the Center for Educational Neuro Science and facilitate subsequent research, HSCE's Brain Science and Cognitive Learning Highlight Project purchased Eye Trackers and Brainwaves from Pitotech in May 2021 under the support of the Higher Education SPROUT project. Training for how to use the equipment was conducted on 8th & 22nd October for teachers, graduate students, undergraduates, and non-NDHU teachers. The workshop covered training for the operation of the Eye Tracker and programing for experiment design, which not only introduced students to the basic knowledge of experimental psychology and cognitive neuroscience experimental research, but also prepared the HSCE's Highlight Project-supported Center as the future East Taiwan Neuro Science Research Base for students and teachers to cultivate cross-field research interests, making it one of the HSCE's specialties.