

**WD2**  
**Session: Workshop-1**  
**28th Dec. 2022 (Wednesday), 2:00-3:00**  
**Session Chair: A K S Suryavanshi, Karnavati University**

**2602 Measuring Some Outcomes of Faculty-Student Collaborative Research**

*A.Y. Mahfouz, Prairie View A&M University,*

*Kishwar Joonas, Prairie View A&M University, kajoonas@pvamu.edu*

This workshop describes how the social constructivist perspective (SCP) is applied to faculty-student collaborative research. We discuss some objectives of such collaboration, and its application to various academic levels, and the impact of the COVID-19 pandemic. Also, we discuss how COVID-19 pandemic has impacted research collaboration. Further, we explicate the manner in which collaboration outcomes can be measured via various different research outlets. In addition, we evaluate the benefits that accrue at various levels within and outside the University. Looking forward, we consider how such collaboration can be taken to the next level. Finally, we cover potential measures to incentivize faculty and students that undertake this vital contribution to the institutional dashboard.

**TD2**  
**Session: Workshop-2**  
**29th Dec. 2022 (Thursday), 3:10-4:10**  
**Session Chair: Kishwar Joonas, Prairie View A&M University**

**2601 Visual Analytics:- The 5th member of the Analytics World**

*Kala C. Seal, Loyola Marymount University, kalaseal@gmail.com*

*Ace Vo, Loyola Marymount University, Ace.Vo@lmu.edu*

This is a workshop on use of visual tools for analyzing data and uncovering the stories in them. The workshop will cover application of some of the common software such as Excel, Tableau as well as use of packages in Python and R for visualizing various types of data to understand how to best present the information hidden inside the data. We will go through some basic visualization principles along with appropriateness of different types of visualizations based on the purposes and look at examples of inappropriate and/or bad visualizations. The participants will have the opportunity of working with data to create their own visualizations and discuss their appropriateness. The workshop will also briefly touch on story-telling techniques.

**FB1**  
**Session: Workshop-3**  
**30th Dec. 2022 (Friday), 11:00-12:20**  
**Session Chair: Suraj Shah, Ganpat University**

**2603 A workshop on crafting an impactful systematic literature review**

*Pramukh Vasist, IIM Kozhikode, pramukhn02phdpt@iimk.ac.in*

This workshop on conducting SLRs aims to help researchers develop high-quality reviews in their chosen academic field of interest. A successful review of the extant literature not only informs readers about what has been learned by revealing patterns and critical gaps, but also stimulates further research by introducing a novel theoretical perspective on the subject. Towards this objective, the workshop will introduce the SLR process, detail out the framework to construct the review and equip researchers with the key skills to scientifically carry out their own reviews.