

## SREE VIDYANIKETHAN COLLEGE OF NURSING

### Faculty Development Programme

Faculty development programme has organized on 23 May, 2024 with the theme "Overview on Systematic Review and Meta-Analysis in Medical Research" at Sree Vidyanikethan college of Nursing, Tirupati by Dr. Prathima P, Principal and Dr. Roja Chokkara, Associate professor, Sree Vidyanikethan College of Nursing. The aim of the programme was to enhance the scientific skills of faculty on systematic review and meta-analysis.



The poster features the Sree Vidyanikethan College of Nursing logo at the top left. The main title is "FACULTY DEVELOPMENT PROGRAM OVERVIEW ON SYSTEMATIC REVIEW AND META-ANALYSIS IN MEDICAL RESEARCH". Below this, the speakers are listed: Dr. Prathima .P (Principal, SVCN) and Dr. Roja Chokkara (Associate Professor, SVCN). The event details are: 23<sup>rd</sup> MAY 2024 | 10:00 AM - 11:00 AM | SEMINAR HALL. The organizer is Sree Vidyanikethan College of Nursing. The background of the poster shows a hand interacting with a digital interface displaying a DNA double helix and network graphs.

Dr. Roja Chokkara initiated the programme with brief introduction about importance of systematic review to the researchers, how to develop a research question with PICO format, construction of inclusion and exclusion criteria, demonstration of search strategy Using Pub Med Central, Science direct, Google scholar, Cochrane data bases followed by creation of Mesh terms using Boolean operators, listed names of

reference managers available to store the search results, discussed about how to check the quality appraisal of articles with checklist and report writing with PRISMA flow chart.

Dr. Prathima P has discussed about significance of meta-analysis, how to pool the data from articles, interpreted the forest plot to check the heterogeneity and software used for meta-analysis and overall summary of systematic review and meta-analysis.









At the end of the session group discussion and practical session was conducted on retrieval of the articles from different data-bases.

All the faculties were expressed that they were benefited with the topic selected and presented.