SOCIAL WORK (M.S.W)

Semester	Course Code	Course Category	Hours/Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
III	25PSWVAC1	Value Added Course	30	-	-	100	100
Course Title		AI Tools for Social Work Research					

	SYLLABUS	
Unit	Contents	Hours
I	**Introduction of AI**: Meaning, Definition of AI, Significance of AI Tools - Evolution of AI for Social Work Research - Importance of AI in Social Work Research - Usefulness and Impact of AI tools in Social Work Research - Ethics and Responsible use of AI Tools - AI Ethics in Research (fair, Safe and accountable)	6
II	**Systematic Literature Review:** Covidence, Rayyan, Semantic Scholar - Google Scholar - Elicit - Connected Papers - PubMed - Z-lib	6
III	**Data Collection and Survey Design:** Qualtrics - Google Forms - Deepseek - **Data Analysis and Statistical Tools:** JASP - ATLAS.ti, QDA Miner lite - NVivo - Orange - Tableau	6
IV	**Reference and Citation Management:** Zotero - Mendeley - EndNote - Refworks	6
V	**AI-Powered Research Writing and Summarization:** Scite - Perplexity - QuillBot - Paperpal - AISEO - Quilbot - Simplified - Writesonic - Bertha AI - Jasper AI - Grammarly - Writeless.	6

Text Book(s):

1. Richer, M. H. (Ed.). (1989). *AI tools and techniques*. Ablex Publishing Corp..
2. Adams, D., & Chuah, K. M. (2022). Artificial intelligence-based tools in research writing: current trends and future potentials. *Artificial intelligence in higher education*, 169-184.
3. Sloan, A. E. (2024). *Basic Legal Research: Tools and Strategies, Revised [Connected EBook with Study Center]*. Aspen Publishing.

Reference Book(s):

1. Filetti, S., Fenza, G., & Gallo, A. (2024). Research design and writing of scholarly articles: New artificial intelligence tools available for researchers. *Endocrine*, *85*(3), 1104-1116.
2. Adams, D., & Chuah, K. M. (2022). Artificial intelligence-based tools in research writing: current trends and future potentials. *Artificial intelligence in higher education*, 169-184.
3. Shtykalo, O., & Yamnenko, I. (2024, February). ChatGPT and Other AI Tools for Academic Research and Education. In *IEEE International Conference on Advanced Trends in Radioelectronics, Telecommunications and Computer Engineering* (pp. 605-630). Cham: Springer Nature Switzerland.

Web Resource(s):

1. https://link.springer.com/article/10.1007/s12020-024-03977-z
2. https://www.taylorfrancis.com/chapters/edit/10.1201/9781003184157-9/artificial-intelligence-based-tools-research-writing-donnie-adams-kee-man-chuah
3. https://link.springer.com/chapter/10.1007/978-3-031-61221-3_29

Course Outcomes	
Upon successful completion of this course, the student will be able to:	
CO No.	CO Statement
CO1	Able to strengthen their analytical skills in understanding the needs of doing social work research
CO2	Able to enhance the skill of collecting reviews pertaining to his/her social work research
CO3	Able to apply the skill of data analysis by using AI tools
CO4	Able to present Bibliography based on the skill obtained through AI tools
CO5	Able to create social work research article for publication in journals and books

Course Coordinator: Dr. S. Rajeswari