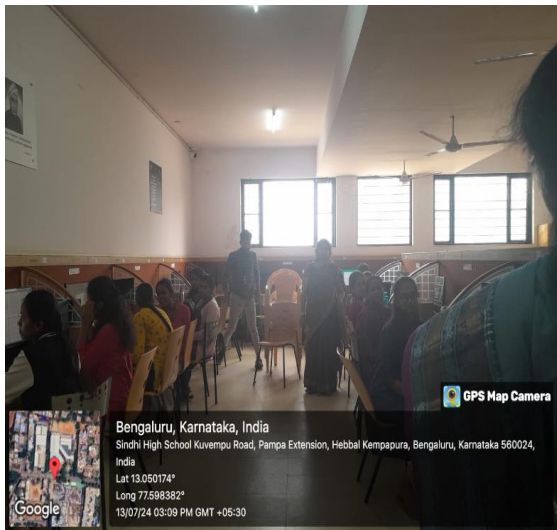# CENTRE FOR PG STUDIES
Workshop report on "Data Analysis"

Centre for PG Studies, Sindhi College, organised a workshop on "Data analysis" for 1st & 2nd Year M.Com and M.Com [FA] students (20) on 13/07/2024 from 10:00 AM to 4:00 PM**. Dr. Madhu S, Professor from Tumkur University** was the resource person. The first session includes the title of the project, the research process, and the framing hypothesis. The second session carried the data analysis using SPSS for Primary data and Excel for secondary data. The second session includes the data entry, descriptive statistics, correlation, regression, chi-square test, independent sample T-test, one-way ANOVA, and Comparative Analysis with the help of the Excel application. All the students of I & II year M.Com, and M, Com (FA) attended and learnt how to do the data analysis, interpret the data and find the result.

SINDHI COLLEGE
IPR Cell
in association with
Centre for PG Studies

Guest Lecture On "Practical Exposure to the Non-Obviousness and Industrial
Applications Of Patents and Copyright"

Date: 12/07/2024

Time: 1.30 pm

Venue: Class room 403

No. of Participants: 14

Resource Persons: Adv. Anirudh Murali

On July 12, 2024, the Intellectual Property Rights (IPR) Cell and the Centre for PG Studies organised a guest lecture on "Practical Exposure to the Non-Obviousness and Industrial Applications of Patents and Copyright." The session was led by Adv. Anirudh Murali, High Court, Karnataka, who has extensive experience in dealing with copyright-related cases. The objective of the workshop was to raise awareness among students about the practical exposure to the non-obviousness and industrial applications of patents and copyrights and to help them understand the legal implications of using non-obviousness and industrial applications of patents and copyrights.

FACULTY DEVELOPMENT PROGRAMME

"QUANTITATIVE DATA ANALYSIS USING SPSS WITH INTERPRETATION AND WRITING RESEARCH ARTICLE WITH AI"

Date : 14th to 21st June 2024

Mode: Virtual

Objective: To enhance the skills and knowledge of faculty members in various aspects of Research article writing

Speakers

- Prof. MR Gangadhar – Vice-Chancellor, Chamarajanagar University.
- Dr.Aarthy Chellasamy- Assistant Professor from Christ (Deemed to be University), Bengaluru.
- Dr.Janani Ravinagarajan- Asst. Professor from Vellore Institute of Technology
- Dr.K.S.Sowmiya Rani- Editor, Editage (Cactus Communication) Founder, Editor & Reviewer at Sowmis_AWW.
- Dr.Sathish P- Assistant Professor, Christ (Deemed to be University), Bengaluru.
- Mr.T.Somasundaram- Asst. Professor in Management studies and Co-ordinator for Centre for Soft Skills Training at Kristu Jayanti College, Bengaluru.

Participants: 138 Participants (45 Inhouse, 11 Students and 82 participants from other institutions)

FDP plays a crucial role in enhancing the capabilities of academic staff. These programs aim to equip faculty members with the necessary skills, knowledge and resources to engage in innovative teaching and contribute to their respective fields.

Sindhi College understands the importance of the same and has organised 8 days virtual FDP on topic very much relevant to the present trends, research titled "Quantitative data analysis using SPSS with interpretation and writing research article with AI from 14th to 21st June 2024. The program was organised in association with Primax.

DAY 1

Dr Aarthy from Christ University, Bengaluru was invited as the guest for the first day to talk on the basics of research. Dr Aarthy is very knowledgeable in the area of study. Mam spoke about the types of variables, types of data, and methods of data collection, different measurement scales used, identification of the problem, hypothesis setting, population, sampling and types, and statistical tools to measure the data.

DAY 2

Dr. Janani Ravinagarajan from VIT University, Chennai, was invited as the guest speaker for Day 2 to discuss SPSS. The session proved to be very beneficial as it was not just theoretical but also practical. All participants were instructed to install the SPSS software, which was provided by the organizers. Dr. Janani shared a dataset, and SPSS was utilized to analyze it. The session also emphasized testing the reliability of the data and validating the data collected. Day 2 was hands-on, with all participants actively using the software and learning.

DAY 3

On the third day, Dr. Arthi from Kristu Jayanti College chaired a session as a resource person. She is a distinguished expert in teaching and research, particularly in the area of hypothesis formulation and testing. The session offered valuable insights into the significance of hypothesis formation, which is a critical component of conducting research. Dr. Arthi covered various statistical tools, including one-sample t-tests, independent samples t-tests, paired t-tests, chi-square tests, and content analysis, along with reliability testing. This information helped participants understand how to effectively apply different statistical methods in their work.

DAY 4

Dr. Somsundaram from Kristu Jayanti College in Bengaluru focused on one-way and two-way ANOVA, as well as cluster analysis on the fourth day. These three statistical tools are among the most important for researchers, as they allow for the identification and exploration of underlying themes to explain the similarities or differences within the datasets being investigated.

DAY 5

Dr. Sathish from Christ University Bengaluru served as the resource person for the fifth day of the program. The topic covered was correlation and regression, which are statistical tools used for data analysis. The session included practical exercises where all participants actively engaged with the data and learned how to apply these statistical tools effectively.

DAY 6

Dr. Arthi from Kristu Jayanti College, Bengaluru, served as the resource person on the sixth day, presenting on the topic of mediation and moderation-based regression analysis. This tool is commonly used in clinical research to understand its operation and identify its existence. The
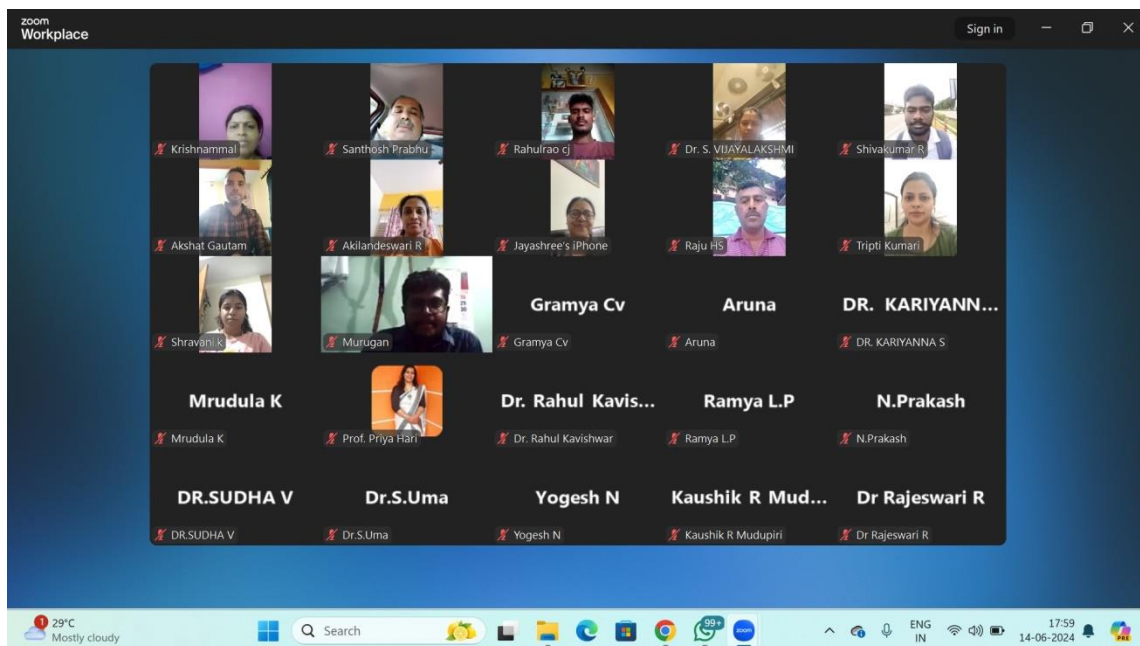
speaker provided an overview of the uses of this tool and discussed the types of data suitable for these analyses.

DAY 7

Dr. Sathish P. from Christ University, Bengaluru, was the resource person for the session on research article writing and journal selection. He provided in-depth knowledge on how to write an article and emphasized the importance of publishing it effectively. He discussed how selecting the right journals can enhance the article's credibility, focusing on identifying journals indexed in Scopus, Web of Science, and ADBC.

DAY 8,

Dr. Sowmiya Rani, Editor at Editage and Founder of Sowmis-AWW in Coimbatore, was the speaker for the final day of the Faculty Development Program (FDP). Her topic was "AI-Based Tools for Research Writing." As the use of AI continues to grow in various sectors, she explored its application in writing research articles. The session covered how AI can assist with research writing, data validation, formulating questions, conducting literature reviews, creating images for articles, and simplifying data analysis.

The eight-day sessions were collectively a very useful program for all research scholars and faculty members in writing quality articles. There was strong participation, with 138 participants from different institutions.

SINDHI COLLEGE
IPR Cell
in association with
Centre for PG Studies

Workshop on "Copyrights and AI"

Date: 02/02/2024

Time: 2.00 pm

Venue: Seminar Hall

No. of Participants: 25

Resource Persons: Advo. Mahima Meenaxi, High Court, Karnataka

On 5th February 2024, the Intellectual Property Rights (IPR) Cell in association with the Centre for PG Studies organized a workshop on "Copyrights and AI". The session was led by Ms. Mahima Meenaxi, Advocate, High Court, Karnataka, who has extensive experience in dealing with copyright-related cases. The objective of the workshop was to create awareness among students about the importance of copyrights in the age of AI and to help them understand the legal implications of using AI-generated works.

During a workshop, Ms. Mahima provided her insights on Copyright laws and policies, with a particular focus on AI-generated works. She explained the key principles of copyrights and how they apply to AI-generated works, along with the challenges and opportunities they present. The workshop had a total of 25 attendees from Sindhi College and Govt. R C College, consisting of M.Com and M.Com(FA) students who actively participated in the session. They gained valuable knowledge on the topic through the highly interactive workshop, where they had the opportunity to ask questions and clarify their doubts.

Number of Research Papers per Teacher in Journals Notified on UGC Website during the Year 2023-24

SI No	Title of the paper	Name of the author/s	Department of the teacher	Name of the Journal	Year of Publication	ISSN Number	Link to the recognition in the UGC Enlistment of the journal
1	Impact of Systematic Investment Plans (SIP) Awareness on the Investment Decision of Information Technology (IT) Employees in Bengaluru City	Ms. Arshiya Khanum	Department of Commerce	International Journal for Multidisciplinary Research	2024	E ISSN:2582-2160	https://www.ijfmr.com/research-paper.php?id=24795.
2	Determinants of Digital Payment: An Empirical Study with reference to Bangalore City	Ms. Maneesha & Dr. M Jubi	Department of Management Centre for PG Studies	African Journal of Biological Science	2024	ISSN:2663-2187	https://www.afjbs.com/issue-content/determinants-of-digital-payments-an-empirical-study-with-reference-to-bangalore-city-2375
3	Artificial Intelligence in Industry 4.0	Dr. Asha N	Principal	African Journal of Biological Sciences	2024	ISSN: 2663-2187	https://www.afjbs.com/issue-content/artificial-intelligence-in-industry-4-0-2187.
4	Capital Structure Determinants: A Case Study of Pharmaceutical Industry	Dr. M Jubi, Mr. Vaidyesh M A Ms. Reethu Rachel Raj	Centre for PG Studies Department of Management	Educational Administration: Theory and Practice	2024 (May)	ISSN:1300-4832 E-ISSN:2148-2403	https://kuey.net/index.php/kuey/article/view/4742
5	Big Data Analytics in Support of the Decision-	Dr. Sri Hari V	Department of Commerce	Journal of Informatics	2024	ISSN: 1526-4726	https://jier.org/index.php/journal/article/view/965/

	Making Process in IT Sector			Education and Research			
6	A Study on Financial Analysis of Selected Public Sector Banks Using Camel Ratios	Dr. Sri Hari & Dr Rajdeep K Manwani Dr. Rahul K. Kavishwar and	Department of Commerce, Centre for PG Studies and Research Department	International Neurourology Journal	2024	ISSN:2093-4777 | E-ISSN:2093-6931 Vol. 28 Iss. 1 (2024)	https://einj.net/index.php/INJ/article/view/424
7	A Study on Consumer Purchase Intention Towards Functional Dairy Products in Bengaluru North	Ms. Sashikala	Department of Management	Migration Letters	2024	ISSN:1741-8992 (online) ISSN:1741-8984(Print)	**https://migrationletters.com/index.php/ml/article/view/7733**
8	"Awareness and Challenges of Digital Inclusion for Micro and Small Entrepreneurs in Rural Bangalore"	Dr. K Uma Maheswari	Centre for PG Studies	Indian Journal of Natural Science (IJONS)	2024	ISSN:0976-0997	https://tnsroindia.org.in/JOURNAL/issue82/IJONS%20-%20ISSUE%2082%20-%20%20FEB%202024%20-%20FULL%20TEXT%20PART%20%20-%2001.pdf.
9	The Effect of Supportive Leadership on Employee Endurance and Organisational Absurdity in the Workplace	Dr.K Uma Maheshwari	Centre for PG Studies	European Economic Letters	2023	ISSN:2323-5233	https://www.eelet.org.uk/index.php/journal/article/view/834
10	A study on Assessing Determinants of Deposit Volume by adopting the Camels rating of selected private Indian Banks	Dr. Sri Hari V, Ms. Jayashree Tambad & Mr. Shivakumar R	Department of Commerce	Journal of Tianjin University Science and Technology	2023	ISSN: 0493-2137	https://tianjindaxuexuebao.com/details.php?id=DOI:10.5281/zenodo.10099591

11	Design Thinking and Problem-Solving Skills Among Students Using The Mind Mapping Technique- A Case Study	Dr. Rajdeep K.Manwani Ms. Asha N Dr Padmavathy.K	Department of Commerce & English Department	Seyboldreport	2023	ISSN:1533-9211	**https://www.seyboldreport.net/abstract-2023/11-01.html**
12	Review Article on IoT & Sensor Technology Across Different Sectors	Ms. Hemalatha R	Department of Computer Science	Journal of Engineering, Computing and Architecture	2023	ISSN: 1934-7197	https://journaleca.com/volume-13-issue-11-2023/
13	Detecting Financial Fraud in the Digital Age: The AI and ML Revolution	Dr. Sowmya G S	Centre for PG Studies	International Journal for Multidisciplinary Research (IJFMR)	2023	ISSN 2582-2160	https://www.ijfmr.com/research-paper.php?id=6139/
14	An Empirical study on the Future Plans and Micro and Macro Factors Affecting Undergraduate Student's Life Ambitions and career choices	Dr. Rajdeep K. Manwani	Department of Commerce	International Journal of Early Childhood Special Education.	2023	ISSN: 1308-5581	https://www.int-jecse.net/article/An+Empirical+study+on+the+future+plans+and+micro+and+macro+factors+affecting+undergraduate+students%2527+life+ambitions+and+career+choices._4834/
15	Lessons from the Past for Creating A Strong Future	Dr. Sowmya G S	Centre for PG Studies	International Journal of Creative Research Thoughts	2023	ISSN: 2320-2882	https://ijcrt.org/papers/IJCRT2301115.pdf
16	A study on quality services at private hospitals in Bangalore	Ms. Jayashree Tambad, Ms. Savitha N L, Ms. Pooja D	Department of Commerce	History Research Journal	2024	ISSN 0976-5424(P)	Printed

17	A Study on rating of PSB's (VS) PVB's using Camel Rating Model Ratios	Ms. Jayashree Tambad, Dr. Sri Hari V	Department of Commerce	Shodha Prabha	2023	ISSN:0974-8946	Printed

Number of books and chapters in edited volumes/books published and papers published in National/ International conference proceedings per teacher 2023-24

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Dr. Jiubi	Role of Higher Education in Advancing Sustainable Development Goals	A study on Mobile Learning Empower Education in the Digital Age	Role of Higher Education in Advancing Sustainable Development Goals	Role of Higher Education in Advancing Sustainable Development Goals	National	2024	ISBN:978-81-956870-2-2	Vidayardhaka First Grade College, Mysore	Vidayardhaka First Grade College, Mysore
2	Dr. Jiubi	Role of Higher Education in Advancing Sustainable Development Goals	Fostering Entrepreneurship and Innovation in Higher Education for Sustainable Development	Role of Higher Education in Advancing Sustainable Development Goals	Role of Higher Education in Advancing Sustainable Development Goals	National	2024	ISBN:978-81-956870-2-2	Vidayardhaka First Grade College, Mysore	Vidayardhaka First Grade College, Mysore
3	Dr. K Uma Maheswari	Internationalisation of Higher Ecuation	A Study On VUCA Environment On Higher Education: Teachers And Students' Perception	Internationalisation of Higher Ecuation	A Study On VUCA Environment On Higher Education: Teachers And Students' Perception	National	2024	ISBN-13 978-81 927564-5-5	M S Ramaiah College Arts, Science, and Commerce	Ramaiah College Arts, Science, and Commerce
4	Dr. K Uma Maheswari	Internationalisation of Higher Ecuation	An Analysis on the Effects of Hybrid Learning of Higher Education	Internationalisation of Higher Ecuation	A Study On VUCA Environment On Higher Education: Teachers And Students' Perception	National	2024	ISBN-13 978-81 927564-5-5	M S Ramaiah College Arts, Science, and Commerce	Ramaiah College Arts, Science, and Commerce
5	Dr. K Uma Maheswari	The Role of AI in E-Commerce Industry	Ai's Effects on Customer Relationship Management in the Banking Sector	The Role of AI in E-Commerce Industry	The Role of AI in E-Commerce Industry	National	2024	e-ISSN:2455-3921	VHN, Senthikumara Nadar college	IJBER
6	Dr. Jiubi	The Role of AI in E-Commerce Industry	Impact of AI in e- Commerce	The Role of AI in E-Commerce Industry	The Role of AI in E-Commerce Industry	National	2024	e-ISSN:2455-3921	VHN, Senthikumara Nadar college	IJBER
7	Dr. Jiubi	The Role of AI in E-Commerce Industry	Impact of Artificial Intelligence on Employee Wellbeing in the workplace	The Role of AI in E-Commerce Industry	The Role of AI in E-Commerce Industry	National	2024	e-ISSN:2455-3921	VHN, Senthikumara Nadar college	IJBER