

RESEARCH DEVELOPMENT CELL

2025-2026

REPORT OF THE WORKSHOP ON DISSERTATION WRITING

FOR STUDENTS

Organized by Research Development Cell in Association with IQAC

BCM College

The poster features a blue and white color scheme with a background of a modern building facade. At the top left, there is a logo for BCM College Kottayam, which includes a crest and the text 'BCM BISHOP CHULAPARAMBIL MEMORIAL COLLEGE KOTTAYAM' and 'NAAC ACCREDITED WITH A* (CGPA-3.46)'. The main title 'RESEARCH SKILL FOR STUDENTS' is in bold black text, followed by 'DISSERTATION WRITING' in a larger, bold blue font. Below this, the phrase 'WRITE BETTER AND FASTER' is written in pink. A circular portrait of Dr. Vimal Kumar V is positioned on the right side. The text 'RESOURCE PERSON DR. VIMAL KUMAR V' is placed below the portrait, with his title 'ASSISTANT LIBRARIAN MAHATMA GANDHI UNIVERSITY KERALA' underneath. On the left, a calendar icon is next to the date and time: 'Nov 24th 2025 9.30 am to 3.30 pm'. The location 'Sr.Savio Hall BCM College' is listed below. At the bottom, the text 'RESEARCH DEVELOPMENT CELL IN ASSOCIATION WITH INTERNAL QUALITY ASSURANCE CELL' is displayed in black and yellow.

RESEARCH SKILL FOR STUDENTS

DISSERTATION WRITING

WRITE BETTER AND FASTER

Join our hands-on session designed to help you think clearly, write confidently, and complete your dissertation faster.

RESOURCE PERSON
DR. VIMAL KUMAR V
ASSISTANT LIBRARIAN
MAHATMA GANDHI UNIVERSITY
KERALA

Nov 24th 2025
9.30 am to 3.30 pm
Sr.Savio Hall
BCM College

RESEARCH DEVELOPMENT CELL
IN ASSOCIATION WITH
INTERNAL QUALITY ASSURANCE CELL

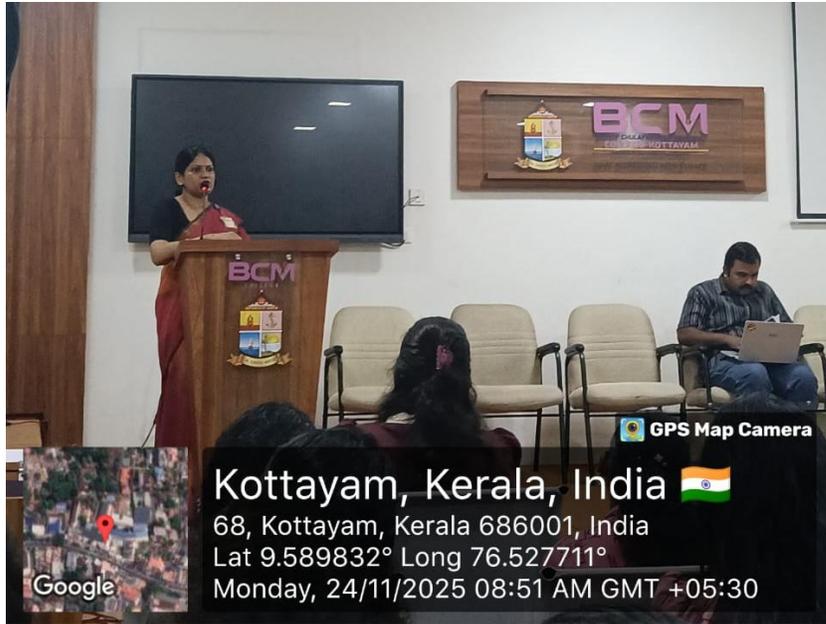
The Research Development Cell, in collaboration with the Internal Quality Assurance Cell (IQAC) of BCM College, organized a one-day workshop titled “Dissertation Writing: Research Skill for Students” on 24 November 2025 at Sr. Savio Hall, BCM College. The programme was designed specifically to enhance the research and academic writing skills of

undergraduate and postgraduate students. The primary objective of the workshop was to guide students in structuring their dissertations more effectively, developing clarity of thought, and improving their overall research output.

The session began at 9:30 am with a welcome address and an introduction to the importance of dissertation writing in academic and professional development. The resource person for the workshop, Dr. Vimal Kumar V, Assistant Librarian at Mahatma Gandhi University, led the sessions with exceptional insight and enthusiasm. He emphasized the fundamental components of a dissertation, including topic selection, research design, literature review techniques, referencing styles, plagiarism awareness, and academic ethics. His practical demonstrations and clear explanations helped students understand how to plan, organize, and write their dissertations more confidently and systematically.

Throughout the workshop, Dr. Vimal Kumar offered hands-on guidance on using digital research tools, citation managers, and library resources. He also demonstrated strategies for enhancing writing speed and accuracy while maintaining academic rigor. Students actively engaged in the interactive discussions, clarified queries related to research methodology, and participated in exercises aimed at improving their academic writing clarity. The session effectively addressed common challenges students face during dissertation preparation and provided them with practical solutions to overcome them.

The workshop concluded at 2:30 pm with a feedback session in which students expressed their appreciation for the clarity, relevance, and usefulness of the training. Many participants noted that the workshop significantly improved their confidence in handling research tasks and completing their dissertations efficiently. The Research Development Cell and IQAC successfully achieved their goal of imparting essential research skills to students, further strengthening BCM College's commitment to promoting academic excellence and research culture.

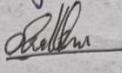
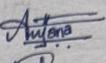
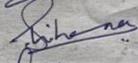
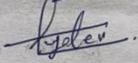
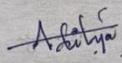
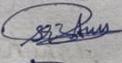
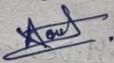
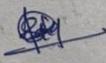
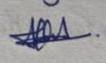
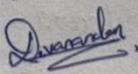




GLIMPSE OF RESEARCH SKILL DEVELOPMENT PROGRAMME FOR STUDENTS

PARTICIPATION LIST

Research Development Cell

Name	Department	Signature
1. Soelakshmi	Bsc Zoology III DC	
2. Anjana B.B	Bsc Zoology III DC	
3. Arda J.B	Bsc zoology III DC	
4. Varshani K.S	Bsc zoology III DC	
5. Athira Anilkumar	"	
6. Sona biju	BA. History III DC	
7. Grazi Nardana	"	
8. Shikha Shihab	"	
9. Ananya Lekshmi	"	
10. Aditya Joshy	"	
11. Jovana clare	"	
12. Grazi manoharan	"	
13. Anny S	"	
14. Parvathi P	"	
15. Archana Binu	"	
16. Adithya K.U	"	
19. Soelakshmi.M	Bsc. Home Science III DC	
20. Anjana S	"	
21. Akhila A Nair	"	
22. Anjali R	"	
23. Devanandana Shylaja	"	

78.	Anamika R.M	BSc. Chemistry	<u>Anamika</u>
79.	Kesha Elisebalb Babu	B.A History	<u>Kesha</u>
80.	Vaishnavi Gireesh Kumar	BA Sociology	<u>Vaishnavi</u>
81.	Mohitha Rajesh	BSc Physics	<u>Mohitha</u>
82.	Selma Selvam	"	<u>Selma</u>
83.	Mamya Thomas	B.A Sociology	<u>Mamya</u>
84.	Angamal Shaji	"	<u>Angamal</u>
85.	Gopika Ratheesh	BA Sociology	<u>Gopika</u>
86.	Shekha Suresh	BA Sociology	<u>Shekha</u>
87.	Devikaishna D	"	<u>Devika</u>
88.	Aleena Antony	"	<u>Aleena</u>
89.	Irene Sana Binu	"	<u>Irene</u>
90.	Dhalya Ak	"	<u>Dhalya</u>
91.	Atishia Johnny	BA History	<u>Atishia</u>
92.	Joicy James	BA History	<u>Joicy</u>
93.	Arjitha Saji	BA Sociology	<u>Arjitha</u>
94.	Dona James	BA Sociology	<u>Dona</u>
95.	Adithya (P.Momus)	BA Sociology	<u>Adithya</u>
96.	Atishia Lakshmi.A	BA Sociology	<u>Atishia</u>
97.	Meelin C.J	BA Sociology	<u>Meelin</u>
98.	Jonna J	BA Sociology	<u>Jonna</u>
99.	Adithya Bhasi	B.A Sociology	<u>Adithya</u>

REPORT OF THE FACULTY DEVELOPMENT PROGRAMME
“Publish Right: Authentic, Ethical, Recognized”
Organized by
Research Development Cell in Association with IQAC
BCM College



The poster features the BCM College logo at the top left, which includes a crest and the text 'BCM BISHOP CHILAPARAMBIL MEMORIAL COLLEGE KOTTAYAM' and 'NAAC ACCREDITED WITH A* (CGPA-3.46)'. The main title 'FACULTY DEVELOPMENT PROGRAMME' is centered at the top. Below it, the workshop title 'PUBLISH RIGHT' is written in large, bold, blue letters, followed by the subtitle 'AUTHENTIC, ETHICAL, RECOGNIZED' in pink. A circular portrait of Jobin Jose is on the right. The workshop details, including the date 'Nov 24th 2025', time '8.30 am to 3.30 pm', and location 'Edu Theatre BCM College', are listed on the left with a calendar icon. The resource person's name 'JOBIN JOSE' and his credentials 'MLISC, PGDLIM (TATA INSTITUTE OF SOCIAL SCIENCE) LIBRARIAN & RESEARCH AND PUBLICATION FACILITATION OFFICER MARIAN COLLEGE KUTTIKANAM' are on the right. At the bottom, it states 'RESEARCH DEVELOPMENT CELL IN ASSOCIATION WITH INTERNAL QUALITY ASSURANCE CELL'.

BCM
BISHOP CHILAPARAMBIL MEMORIAL
COLLEGE KOTTAYAM
Specialists of Quality, Wisdom and Grace
NAAC ACCREDITED WITH A* (CGPA-3.46)

FACULTY DEVELOPMENT PROGRAMME

PUBLISH RIGHT
AUTHENTIC, ETHICAL, RECOGNIZED

A one-day workshop designed to enhance responsible academic writing and publishing practices

RESOURCE PERSON
JOBIN JOSE
MLISC, PGDLIM
(TATA INSTITUTE OF SOCIAL SCIENCE)
LIBRARIAN & RESEARCH AND PUBLICATION
FACILITATION OFFICER
MARIAN COLLEGE KUTTIKANAM

Nov 24th 2025
8.30 am to 3.30 pm
Edu Theatre
BCM College

RESEARCH DEVELOPMENT CELL
IN ASSOCIATION WITH
INTERNAL QUALITY ASSURANCE CELL

The Research Development Cell, in association with the Internal Quality Assurance Cell (IQAC) of BCM College, organized a one-day Faculty Development Programme (FDP) titled “*Publish Right: Authentic, Ethical, Recognized*” on 24 November 2025 at the Edu Theatre, BCM College. The workshop was designed to strengthen responsible academic writing, enhance publication ethics, and equip faculty members with essential skills for high-quality research dissemination. The programme aimed to foster a culture of ethical scholarship and empower teachers to navigate the rapidly evolving academic publishing landscape with competence and confidence.

The session began at 8:30 am with a formal welcome and an introduction to the objectives of the workshop. The resource person for the FDP, Mr. Jobin Jose, Librarian and Research & Publication Facilitation Officer at Marian College Kuttikkanam, led the sessions with immense clarity and expertise. With his academic background in MLISc and PGDLIM from the Tata Institute of Social Sciences, he provided deep insights into crucial aspects such as identifying authentic journals, avoiding predatory publishing practices, understanding copyright and plagiarism policies, and following ethical standards in research communication. His interactive approach helped participants clarify doubts and understand practical strategies for improving the quality of their scholarly output.

Throughout the workshop, participants were engaged in discussions, case analyses, and demonstrations related to academic writing tools, referencing styles, manuscript structuring, and publication workflows. Mr. Jobin Jose also elaborated on emerging trends in scholarly communication, digital identifiers such as ORCID, the role of institutional repositories, and best practices for increasing research visibility and impact. Faculty members actively participated by sharing their experiences and challenges, making the session enriching and collaborative.

The programme concluded at 3:30 pm with a feedback session and words of gratitude to the resource person and organizers. Participants expressed appreciation for the relevance and usefulness of the workshop, noting that the FDP significantly enhanced their understanding of ethical publishing practices and motivated them to adopt more responsible research behaviours. The Research Development Cell and IQAC successfully achieved the objective of empowering faculty members with updated knowledge and practical skills essential for quality academic publishing.



GLIMPSE OF FACULTY DEVELOPMENT PROGRAMME



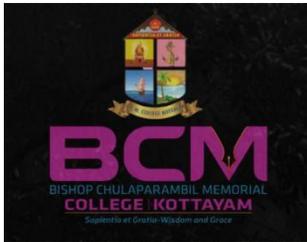
GLIMPSE OF FACULTY DEVELOPMENT PROGRAMME

RESEARCH METHODOLOGY AND OPPORTUNITIES



On 05.07.2025, the P G Department of English hosted an enlightening session on “Research Methodology and Opportunities” by Dr. Chaithanya Antony, a distinguished alumna who is presently engaged in academic research and teaching. The session proved to be highly beneficial, especially for students aspiring to pursue higher education or undertake academic projects. Dr. Chaithanya began her talk by outlining the fundamental stages of the research process. She elaborated on the importance of formulating clear and focused research questions as the foundation of any successful academic inquiry. She then discussed the critical role of conducting thorough literature reviews to understand existing work and identify research gaps. The session provided students with a structured understanding of methodology design, including both qualitative and quantitative approaches. Dr. Chaithanya also touched upon various tools and techniques used in data collection and analysis, also explained MLA Stylesheet in detail. A significant portion of the session was devoted to the ethical dimensions of research. Dr. Chaithanya stressed the need for academic integrity, cautioning against plagiarism and highlighting the importance of proper citation practices. She shared real-life examples to underline how adherence to ethical standards strengthens the credibility of research outcomes. Throughout the session, Dr. Chaithanya maintained an engaging and interactive approach, encouraging students to ask questions and reflect on their research interests. Her clarity, depth of knowledge, and approachable demeanor made complex concepts accessible and relatable. Overall, the session was highly informative and inspiring.





**CENTRE FOR WOMEN EMPOWERMENT
AND UPSKILLING**

"GET SKILLED. STAY AHEAD!"

RESEARCH DEVELOPMENT CELL & LANGUAGES RESEARCH CLUSTER

IDENTIFYING RESEARCH QUESTIONS

**DR. DONA ELIZABETH SAM
&
DR. NITHYA MARIAM JOHN**

**DATE: 23 JULY 2025
VENUE: ROOM 318
TIME: 2:00PM**

The Post Graduate Department of English, in association with the BCM Research Development Cell, organised the second session on Research Skills on 23rd July 2025. The session was attended by first-year and second-year postgraduate students, along with final-year undergraduate students. Dr. Riya Susan Scariah, Head of the Department, inaugurated the session with a welcome address and a brief introduction to the objectives of the workshop. The event began with a token of appreciation being presented to Archana Shaji of II DC B.Sc. Mathematics, the winner of the Title the Story competition conducted in July through the official English Department blog, Litscrolls.

Following this, Dr. Dona Elizabeth Sam conducted an assessment test to evaluate the participants' understanding of the fundamentals of research and academic writing. The test included questions on identifying primary and secondary sources, as well as knowledge related to research methodology and academic papers. A session on Research Questions was then led by

Dr. Nithya Mariyam John, who guided students through the process of selecting a research topic and formulating effective research questions. She explained that, in order to identify appropriate research questions, a major topic or area of interest should be chosen along with relevant subtopics. She also emphasised that the relevance of the topic in contemporary society would contribute significantly to the overall impact of the research. Dr.Nithya Mariam John provided numerous examples of topics that their seniors chose for their projects in the past years, to give the students an idea on the pattern of topics to choose.

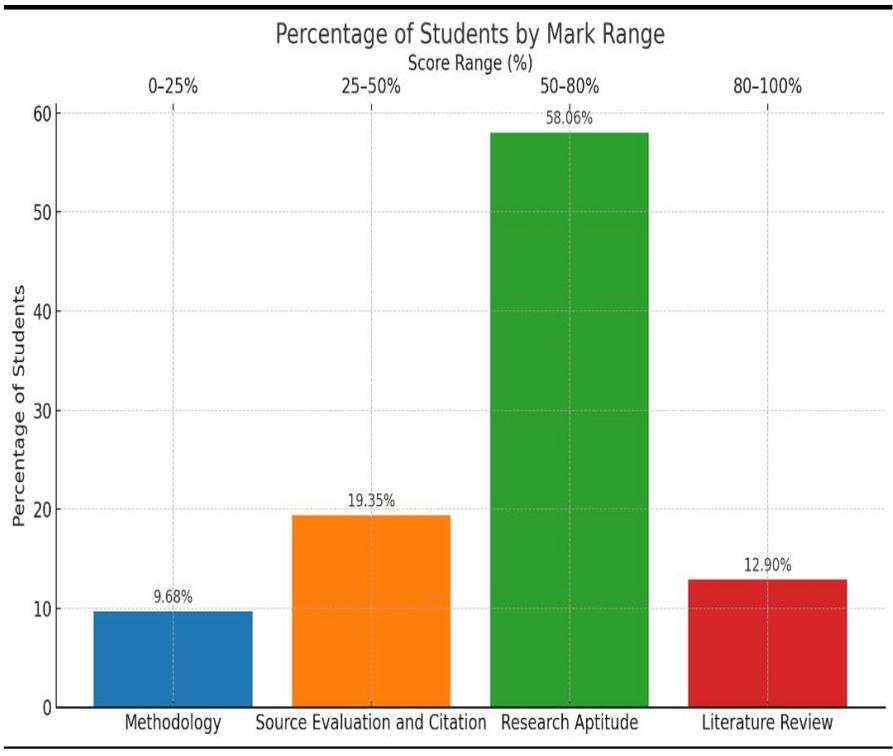
As part of a practical exercise, students were divided into groups of three and assigned the task of preparing an academic paper on a topic of their choice, which may or may not be related to literature. If these group assignments meet high quality standards, the students will have the opportunity to publish their papers. This initiative aims to give students valuable experience in research ahead of their final-year projects. The department intends to provide continued hands-on training in research development through frequent skill-based sessions. The groups are instructed to submit their abstracts by the second week of August. The students found the session highly informative and engaging.

Pre-Assesment



Total no of students : 31

Research Skills Profile of Students (Final year UG and I and II PG)

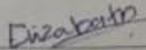
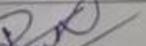
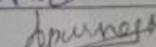
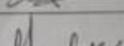
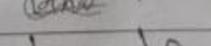
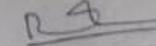
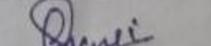
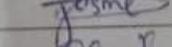


BCM COLLEGE, KOTTAYAM

POST-GRADUATE DEPARTMENT OF ENGLISH

Title of the session: Identifying Research Questions Date: 23/7/25

Resource person: Dr. Dona Elizabeth Sam
Dr. Nidhya Naziam John Time: 2PM

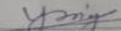
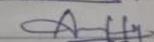
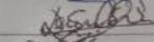
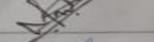
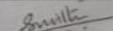
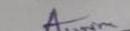
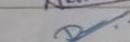
Sl. No.	Name	Signature
1	Elizabeth Binda Joseph	
2	sona chacko	
3	Ananya Shibu	
4	Jana Sara Jacob	
5	Anna Thomas	
6	Kothukoishna S	
7	Sone J.S	
8	Rini N	
9	Apurva Raghav	
10	Hrudya Anirudh	
11	Athira Sneesh S	
12	Elna Yacob	
13	Ananthalakshmi Anoop	
14	Alcena Luke	
15	Gani kishnan R.R	
16	Sreelakshmi M.Nair	
17	Josme Josekutty	
18	Christeena C Raju	
19	Varsha Bright	

BCM COLLEGE, KOTTAYAM

POST-GRADUATE DEPARTMENT OF ENGLISH

Title of the session: _____ Date: _____

Resource person: _____ Time: _____

Sl. No.	Name	Signature
20	Vubnapoige Vinod	
21	Selma Rasheed	
22	Reeba aduna Abraham	
23	Meenu RS	
24	Ashni-s	
25	Akshaya P Babu	
26	Akshaya pradeep	
27	Devu vinodini	
28	Malavika Sasidharan	
29	Aswathy Babu	
30	Sunitba Mary Joy	
21	Anurima G	
32	Devika.S	

WORKSHOP ON FORMULATING AND FRAMING RESEARCH

BCM
BISHOP CHULAPARAMBIL MEMORIAL
COLLEGE KOTTAYAM
Sapientia et Gratia - Wisdom and Grace

THANMAYA
a Bhagyan

**THE POSTGRADUATE DEPARTMENT OF ENGLISH
AND RESEARCH CENTRE**

PRESENTS

Workshop on

**Formulating and
Framing Research:
Methodological Insights**

Learn to shape ideas into focused research through clear methods and strong frameworks

07 NOV
2025

Research Centre
in English

10:30 AM

**Co-ordinators : Dr. Neethu Varghese
Dr. Riya Susan Scariah**

Geethu V Nandakumar
Alumna & Research scholar

The Post Graduate Department of English and Research Cell organised a one-day workshop on "Formulating and Framing Research: Methodological Insights" on November 07, 2025, at 10:30 AM. The primary objective of the workshop was to equip undergraduate and postgraduate students with the necessary theoretical and practical frameworks to effectively shape preliminary ideas into focused, robust research papers. The session aimed to provide clarity on choosing appropriate research methods and establishing strong methodological foundations. The workshop was conducted by Ms Geethu V Nandakumar, a distinguished alumna of the department and an accomplished Research Scholar at CMS College, Kottayam. Her session was highly insightful, drawing from her practical experience in the field. The session began by highlighting the nature of Research in the Humanities, Arts, & Literature, noting that it encourages subjectivity and perspective, promotes critical thinking, and provides space to learn about new topics and encounter one's own limits of understanding.

Further proceedings covered the following key areas:

***Finding and Naming the Topic (Finding a Topic \ Formulating Refined Research Questions)**

The discussion on topic selection began by noting that a research interest must be defined narrowly enough (citing Wayne C Booth et al.) for the researcher to imagine becoming a local expert. For finding a general topic, students were advised to start by listing two or three interests, reviewing bibliographic indexes, encyclopedias, and magazines, and probing into common beliefs that need critical attention. For a field-specific topic, they were asked to read external articles and reviews, analyse recent dissertations (including foreign theses), watch available online lectures, and visit the websites of major universities. Quick tips were given for better focus. When naming the topic, students were advised to clearly explain what they are working on, add a question to specify something unfamiliar that warrants exploration, and write a rationale that secures the reader's interest.

***Establishing the Research Foundation**

The Research Problem and the thesis statement were defined. Tactics for formulating questions was explore FC.

*** Building the Argument and Framework**

To ensure Building a Strong Argument, the session emphasised following the logical structure: Claim \ Reason \ Evidence.

*** Methodology and Sources**

The different categories of sources were highlighted as Primary (the basic text to work on), Secondary (arguments and evidence related to the Primary Text), and Tertiary (summaries of work on primary sources). The types of methodology were differentiated: Quantitative is number-based, countable/measurable, and experimental (e.g., questionnaires, surveys, sampling), while Qualitative is interpretation-based and helps understand why, how, or what happened (e.g., semiotic analysis, discourse analysis). Both can be combined into a Mixed Method.

Conclusion

The workshop successfully achieved its goal of enhancing confidence in approaching complex research designs. The session included an illustration with an example topic ("Food and Digital Diet culture"), to show the practical application of theoretical knowledge in a real-life research project. The Department extends its gratitude to Ms Geethu V Nandakumar for her valuable expertise and thanks the coordinators, Dr Neethu Varghese and Dr Riya Susan Scariah, for the successful execution of the event. It provided participants with a deeper understanding of the core principles of research methodology. Ms Geethu V Nandakumar conveyed all the complex concepts in a clear and structured manner, drawing connections between an effective

way of conducting research and framing the core idea as a project/paper. The session was highly appreciated by all attendees. Students found the lecture informative and quite helpful.



POSTGRADUATE DEPARTMENT OF ENGLISH
WORKSHOP ON RESEARCH METHODOLOGY
DATE: 7/11/2025

LIST OF PARTICIPANTS

Sl No.	NAME OF THE STUDENT	SIGNATURE
1	Kaishnaja PA	<i>[Signature]</i>
2	Ponvathy Igi	<i>[Signature]</i>
3	MPditiya Mathew	<i>[Signature]</i>
4	Atasiya M	<i>[Signature]</i>
5	Reeba Amea Abraham	<i>[Signature]</i>
6	Varsha Bright	<i>[Signature]</i>
7	Sona J.S	<i>[Signature]</i>
8	Sona chacko	<i>[Signature]</i>
9	Ananya Shibu	<i>[Signature]</i>
10	Jesna Sara Jacob	<i>[Signature]</i>
11	Devika S	<i>[Signature]</i>
12	Diya Aftreen	<i>[Signature]</i>
13	Ardra Ajay	<i>[Signature]</i>
14	Nandana R Nair	<i>[Signature]</i>
15	Sunitha Mary Joy	<i>[Signature]</i>
16	Anamika Sunil	<i>[Signature]</i>
17	Anu Maria Sajeer	<i>[Signature]</i>
18	Zsa. Medona J	<i>[Signature]</i>
19	Anjupriya K	<i>[Signature]</i>
20	Kavya V	<i>[Signature]</i>

Research Methodology – An introduction

BCM
BISHOP CHULIARASABAI MEMORIAL
COLLEGE KOTTAYAM
Aided College affiliated to MG University | NAAC accredited with A+ (3.48/4)

*Centre for Women Empowerment
and Upskilling &
Research Development Cell(Maths cluster)*

jointly organizes

**Research
Methodology -
An introduction**

23 JULY, 2025

2 P.M

**Dr. Anu Varghese
Assistant Professor
Department of Mathematics**

**ROOM
NO - 110**

*An upskilling initiative
Get skilled ,Stay ahead*

On July 23, 2025, the Research Development Cell and Centre for Women Empowerment and Upskilling jointly organized a workshop on "Research Methodology: An Introduction" in Room No. 110. 51 students from Mathematics, Statistics, and Computer Science departments participated. The workshop was led by Dr. Anu Varghese, Assistant Professor, Department of Mathematics, BCM College Kottayam. The workshop aimed to introduce students to the fundamentals of research methodology, equipping them with essential skills for their future research endeavours. Dr. Anu Varghese's expertise in the field provided valuable insights to the students, helping them understand the importance of research methodology in their respective disciplines. The workshop covered the basics of research methodology, including research design, data collection, and analysis. The students actively participated in discussions and interactions, clarifying their doubts and gaining a deeper understanding of research concepts. The workshop likely emphasized the practical applications of research methodology in Mathematics, Statistics, and Computer Science. The workshop was a valuable experience for the students, providing them with a solid foundation in research methodology. BCM College Kottayam's

commitment to fostering a research-driven environment is evident through such initiatives, which will undoubtedly benefit the students in their academic and professional pursuits.



Class led by Dr. Anu Varghese

List of Participants

Bishop Chulaparambil Memorial College Kottayam

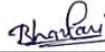
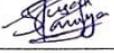
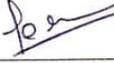
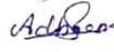
Centre for Women Empowerment and Upskilling &

Research Development Cell

organizes

Research Methodology – An introduction

Participant List

Sl.No	Name of the student	Class	Signature
1.	Sreelakshmi.K.M	MSc maths	
2.	Ashika.s	"	
3.	Cowry.K.A	Msc Maths	
4.	Encilia Cherian	BSc Comp. Science	
5.	Asha Susan Abraham	"	
6.	Diya Poulas	"	
7.	Akhila.M.S	Msc Maths	
8.	Bhavani	Msc. Maths	
9.	Mary cross.S	Msc Mathe	
10.	Aswathy Salikumar	BSc Computerscience	
11.	Tanuja Susan George	BSc Computer Science	
12.	Anitha Elit Sam	Bsc Computer Science	
13.	Anitha.M	Bsc Computerscience	
14.	Fathima.K.A	Bsc computers science	
15.	Adheena lekshmi	II nd H. Sc Maths	

16	Aleena Jiji	2 nd Msc maths	Aleena
17	Devika. V. S	2 nd MSc. Maths.	Devika
18	U.K. Gowri	2 nd MSc Mathematics	Gowri
19	Seelin Elizabeth George	II nd pg maths	Seelin
20	Sona. S. Simon	II nd pg Maths	Sona
21	Beema Shihab	II nd Pg maths	Beema
22	Revathy. S	II nd pg maths	Revathy
23	Karthika Vasanthakumar	II nd pg Maths	Karthika
24	Kluruna. S	II nd Pg Maths	Kluruna
25	Anchel Baba George	II nd Pg Maths	Anchel
26	Sandra Sunil	3 rd Dc Maths	Sandra
27	Nandana Anilkumar	"	Nandana
28	Mazha Remesh	"	Remesh
29	Sanyas Marian Siju	"	Sanyas
30	Saruja Saji	"	Saruja
31	Lazin Fathuma	II nd pg statistics	Lazin
32	Malavika Vinod	"	Malavika
33	Anupama Shibu	"	Anupama
34	Nandana Ajikumar	"	Nandana

35.	Asapriya VB	II nd pg statistics	Asapriya
36	Abhisami M	"	Abhisami
37.	Sona Shaji	"	Sona
38.	Ankha KN	"	Ankha
39.	Jyothi Darsana MDT	"	Jyothi
40	Jinlu Elsa Commer	I st Pg Statistics	Jinlu
41	Ganga Sunil	"	Ganga
42	Srujalakshmi Anilkumar	"	Srujalakshmi
43	Aparna Mohan	"	Aparna
44	Jayalakshmi Jayan	"	Jayalakshmi
45	Aparna - B	"	Aparna
46	Aiswarya R.B	"	Aiswarya
47	Nandana P V	"	Nandana
48.	Adithya. S	3 rd DC Maths	Adithya
49.	Archara. Manikandan.	"	Archara
50.	Shilpa Suresh	"	Shilpa
51.	Ayisha. A	"	Ayisha

Paper Presentations by the students

Sl.No	Name of Student	Title of Presentation	College
1	Aparna Suresh	Betweenness Centrality in Double Star and Broom graph	st stephens college uzHAVoor
2	Aleena Jiji	On the mutual Visibility number of Certain Hexagonal systems	adi sankara college, kalady
3	Aleena Jiji	Mutual Visibility number on some graph operations	pamba college, parumala
4	Aleena Jiji	Mutual Visibility number on some graph operations	st dominics college, kanjirapally
5	Sneha Sajeevan	General Position Problem in Some Grpahs	pampa college, parumala
6	Devika V S	Metric dimension of some classes of graph	pampa college, parumala
7	U K Gouri	A note on neighbourhood quality index	adi shankara college kalady
8	U K Gouri	On the neighbourhood based topological indices of graphs	pamba college, parumala
9	U K Gouri	On external graphs and bounds for neighbourhood based topological indices	st alberts college ernakulam
10	U K Gouri	On external graphs and bounds for neighbourhood based topological indices	st dominics college, kanjirapally

Paper publications by the students and faculties

Sl No	Name of Student/Faculty	Title of Publication	Journal
1	Arshana AN	The Hydration Blueprint of Polylactic Acid: Commutation Decoding of Noncovalent Interactions for Predictive Biodegradation	Computational Chemistry
2	Dr. Liju Alex	Geodetic Number of Cyclic Graphs	Discrete Mathematics, Algorithms and Applications

3	Dr. Liju Alex	On the Szeged–Sombor index of graphs	
4	Dr. Liju Alex	A note on Sombor indices of cacti	Faculty of Sciences and Mathematics, University of Niš, Serbia
5	Dr. Anu Varghese	Bounds for the distance spectral radius of split graphs	
6	Dr. Liju Alex	On the Difference Between Bond Additive Indices and Their Edge Versions – MATCH	Communications in Mathematical and in Computer Chemistry
7	Dr. Liju Alex	Analytical Study of Second Inverse Sum Indeg Index of Special Graphs	Communications in Combinatorics and Optimization
8	Dr. Liju Alex	On the Square PI Index of Graphs	Discrete Mathematics Letters
9	Dr. Liju Alex	New Results on the Second Inverse Sum Indeg Index	Iranian Journal of Mathematical Chemistry

**Report on the Seminar
"Research Methods in Social Sciences: Building a Foundation for Inquiry"**

Brochure of the Program

 **BISHOP CHULAPARAMBIL MEMORIAL COLLEGE**
CENTRE FOR WOMEN EMPOWERMENT & UPSKILLING
RESEARCH DEVELOPMENT CELL & SOCIAL
SCIENCE RESEARCH CLUSTER
Jointly Organize



Ms. Alphonsa Kurian
Assistant Professor & HoD
Dept. of Sociology

**Research Methods in Social Sciences:
Building a Foundation for Inquiry**

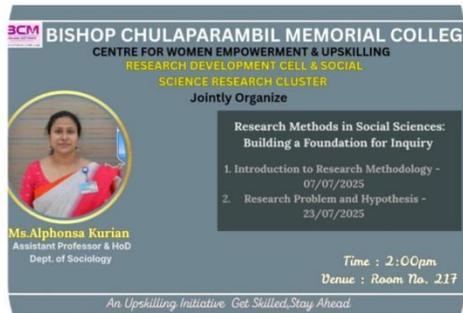
1. Introduction to Research Methodology -
07/07/2025
2. Research Problem and Hypothesis -
23/07/2025

Time : 2:00pm
Venue : Room No. 217

An Upskilling Initiative Get Skilled, Stay Ahead

The seminar titled "Research Methods in Social Sciences: Building a Foundation for Inquiry" was successfully conducted on July 7, 2025, and July 23, 2025, at Bishop Chulaparambil Memorial College, Kottayam. The event was jointly organized by the Centre for Women Empowerment and Upskilling, Research Development Cell, and the Social Science Research Cluster of the college. The resource person for the sessions was Ms. Alphonsa Kurian, Assistant Professor and Head of the Department of Sociology. The first session on "Introduction to Research Methodology" was held on July 7, 2025, and the second session on "Research Problem and Hypothesis" was conducted on July 23, 2025. The sessions aimed to provide students with a strong foundation in research methods, critical inquiry, and the process of formulating research problems and hypotheses. The program was attended by undergraduate students of Social Science disciplines. The sessions were interactive, with students actively participating in discussions, asking questions, and reflecting on their learning. The sessions were highly beneficial in building research aptitude among students, preparing them for higher studies and independent research work.

Glimpses of the Sessions



The sessions included interactive lectures, group discussions, and reflective exercises. Students appreciated the practical insights provided and noted that the resource person connected theoretical aspects of research with real-life examples.

Outcome and Feedback

The seminar received positive feedback from participants. Students expressed that the sessions helped them gain clarity about research methodology and hypothesis formulation. The event succeeded in igniting curiosity and building confidence in pursuing research-oriented learning.

Conclusion

The seminar on "Research Methods in Social Sciences: Building a Foundation for Inquiry" served as an important platform to introduce young students to the basics of research. The contributions of Ms. Alphonsa Kurian and the effective coordination by the Centre for Women Empowerment and Upskilling, Research Development Cell, and Social Science Research Cluster were instrumental in the success of the event. The program stands as a testimony to the college's commitment to nurturing research culture and empowering future scholars.

Report on the Seminar-

" Science in Action – Building a Better Tomorrow"

The brochure features the BCM logo at the top, which includes a crest and the text 'BCM BISHOP CHULAPARAMBIL MEMORIAL COLLEGE KOTTAYAM'. Below the logo, it reads 'CENTRE FOR WOMEN EMPOWERMENT & UPSKILLING', 'RESEARCH DEVELOPMENT CELL', and 'SCIENCE RESEARCH CLUSTER'. The main title of the talk is 'SCIENCE IN ACTION; BUILDING BETTER TOMORROW'. The speaker is identified as 'DR. SREEJITH SREEKUMARAN' with a circular portrait. The event details are: '23 JULY, 2025', 'Sr. SAVIO HALL', and '2:00 PM'. The speaker's affiliation is listed as 'Research Scientist -1, Kerala Institute of science Technology and innovation, Mahatma Gandhi University, Kottayam'. The faculty coordinator is 'Dr. Smitha Joseph'. At the bottom, it says 'An Upskilling Initiative Get Skilled, Stay Ahead'.

Brochure of the Program

The seminar titled "Science in Action – Building a Better Tomorrow" was successfully conducted on July 23, 2025, at the Sr. Savio Memorial Hall, Bishop Chulaparambil Memorial College, Kottayam. The event was jointly organized by the Centre for Women Empowerment and Upskilling and the Science Research Cluster of the Research and Development Cell of the college. The keynote speaker and resource person for the session was Dr. Sreejith Sreekumaran, Research Scientist-1, Kerala Institute of Science Technology and Innovation, Mahatma Gandhi University, Kottayam. Dr. Smitha Joseph, Coordinator of the Science research cluster was the coordinator of the program. The program was designed to inspire and empower budding scientists, emphasizing

the importance of applying scientific knowledge and critical thinking skills to address real-world challenges.

The seminar was attended by the final-year undergraduate students from the Science Departments of Physics, Chemistry, Zoology, Botany, Food Science and Quality Control, and Family and Community Science. The presence of students from such a diverse range of disciplines contributed to a rich and interdisciplinary learning environment. Dr. Sreejith brought a wealth of experience in scientific research and innovation, making the session both enlightening and motivating for the students.



Glimpses of the sessions

The seminar commenced with a formal welcome and introductory remarks, highlighting the objectives of the event and the relevance of scientific literacy and critical thinking in contemporary society. Dr. Sreejith delivered an engaging and interactive talk focusing on the theme “Science in Action – Building a Better Tomorrow.” He emphasized the role of science as a dynamic

and evolving discipline that serves humanity by solving practical problems, fostering innovation, and promoting sustainability. The talk also shed light on emerging trends in scientific research and the role of young scientists in driving change.

A notable highlight of the seminar was the interactive session, where students were encouraged to ask questions, share thoughts, and reflect on the importance of interdisciplinary collaboration in science. Dr. Sreejith provided valuable insights on research ethics, problem-solving, and the practical application of scientific methods in various fields. To further enrich the learning experience, Dr. Sreejith introduced a series of role plays, an innovative method to convey how to handle complex and uncertain situations in the process of scientific research. These role plays simulated real-life research scenarios where students had to apply critical thinking, ethical reasoning, and collaborative decision-making. This activity not only made the session highly engaging but also effectively demonstrated the importance of a thoughtful and reflective approach to scientific inquiry.

Outcome and Feedback

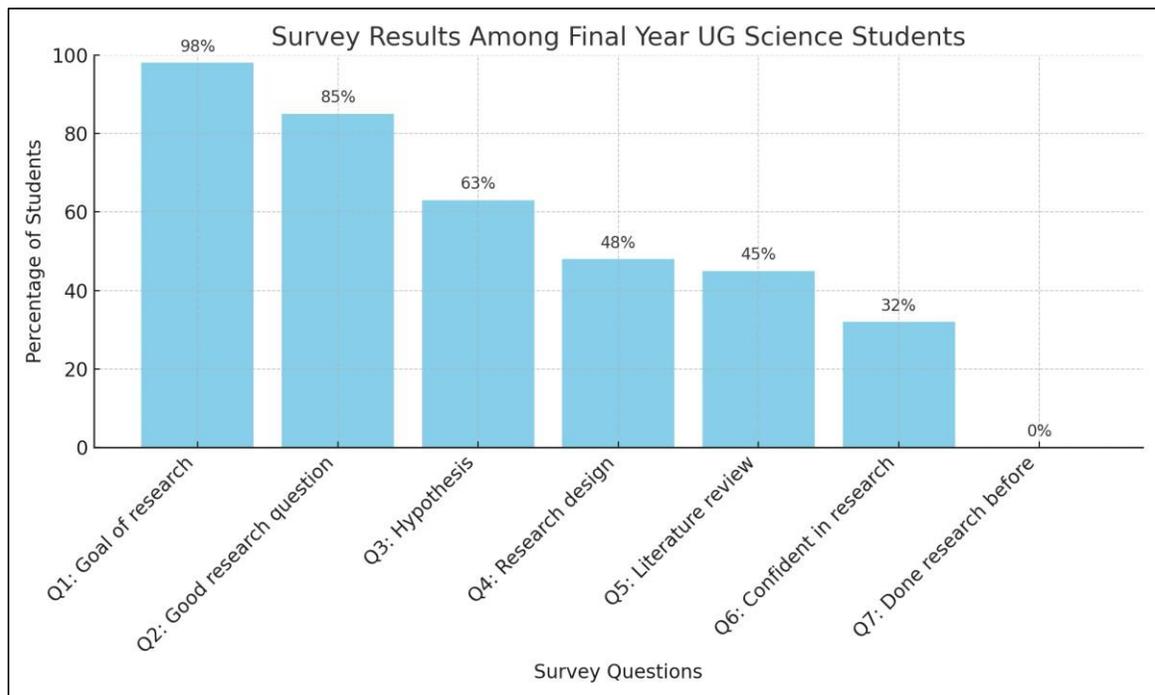
The seminar received highly positive feedback from the participants. Students expressed that the session was intellectually stimulating and practically valuable. The integration of role plays was especially appreciated as it provided a fresh and interactive approach to learning science. The event succeeded in igniting curiosity, fostering scientific temperament, and encouraging students to pursue research-oriented careers.

Conclusion

The seminar on "Science in Action – Building a Better Tomorrow" served as a significant platform for young science students to engage with the practical and ethical dimensions of research. The contributions of Dr. Sreejith Sreekumaran and the effective coordination by the Centre for Women Empowerment and Upskilling and the Science Research Cluster were instrumental in the success of the event. The program stands as a testament to the college's commitment to nurturing scientific inquiry and empowering the next generation of researchers.

Report on Pre-assessment On Understanding and Attitude toward Research

Pre-assessment On Understanding and Attitude toward Research was done among the final year UG students of science departments-Physics, Chemistry, Zoology, Botany, Food Science and Quality control and Family and Community Science. A questionnaire was prepared and distributed among the students. Seven among the 10 questions were objective. The following bar diagram shows the responses of the students to the objective questions.



Bar diagram based the response of students to the pre-assessment questionnaire

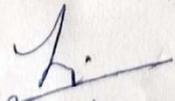
**Participation List – ‘Science in Action-Building Better Tomorrow’
23 July 2025**

SL.No.	NAME	DEPARTMANT	SIGNATURE
1	MOHITHA RAJESH	PHYSICS	
2	PARVATHY S	PHYSICS	
3	ARPITHA CHANDRAN	PHYSICS	
4	ANUGRAHA JAYAN	PHYSICS	
5	SELMA SELVAM	PHYSICS	
6	JOSNA B PRADEEP	PHYSICS	
7	APARNA M REJI	PHYSICS	
8	AKSA SUSAN VARGHESE	PHYSICS	
9	ANJANA C S	ZOOLOGY	
10	ARDRA J B	ZOOLOGY	
11	HIBA FEBIN	ZOOLOGY	
12	JOANNA SUSAN JOSSI	ZOOLOGY	
13	JYOTHI THERESE	ZOOLOGY	
14	SREELAKSHMI	ZOOLOGY	
15	SUMANA VINOD	ZOOLOGY	
16	VARSHAMOL K S	ZOOLOGY	
17	VISHNUPRIYA P	ZOOLOGY	
18	ADHITHYA BINU	ZOOLOGY	
19	ATHIRA ANILKUMAR	ZOOLOGY	
20	DEEPTHY PRADEEP	ZOOLOGY	
21	DURGA PRASAD S	ZOOLOGY	
22	NEWBI B S	ZOOLOGY	
23	SUKARSHINI P	ZOOLOGY	
24	AHALYA KRISHNAN	CHEMISTRY	
25	AMRUTHA N R	CHEMISTRY	
26	ANAMIKA R M	CHEMISTRY	
27	ASHNA A	CHEMISTRY	
28	DIVYENDU DIPUKUMAR	CHEMISTRY	
29	FARHANA FATHIMA	CHEMISTRY	
30	LEEYIAMOL JOSHY	CHEMISTRY	
31	SRUTHY A S	CHEMISTRY	
32	AISWARYALAKSHMI R	CHEMISTRY	
33	DEVIPRIYA M B	CHEMISTRY	
34	Akhila Ganakumar	FSQC	
35	Aleena Finny	FSQC	



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36	Ashika Farhath	FSQC	<i>[Signature]</i>
37	Devika A Pillai	FSQC	<i>[Signature]</i>
38	Jyothika S Nair	FSQC	<i>[Signature]</i>
39	p h Devika Nair	FSQC	<i>[Signature]</i>
40	Riya Shibu	FSQC	<i>[Signature]</i>
41	Salma Shajan	FSQC	<i>[Signature]</i>
42	sneha s s	FSQC	<i>[Signature]</i>
43	Sona Sabu	FSQC	<i>[Signature]</i>
44	Vismaya A V	FSQC	<i>[Signature]</i>
45	Nayana	FSQC	<i>[Signature]</i>
46	Meenakshi	FSQC	<i>[Signature]</i>
47	Sandra HS	FSQC	<i>[Signature]</i>
48	ANUJA SUSAN JOY	BOTANY	<i>[Signature]</i>
49	APARNA A M	BOTANY	<i>[Signature]</i>
50	ANAGHA K P	BOTANY	<i>[Signature]</i>
51	GAYATHRI R	BOTANY	<i>[Signature]</i>
52	JOMOL ROSAMMA PHILIP	BOTANY	<i>[Signature]</i>
53	MIRZANA BASHEER	BOTANY	<i>[Signature]</i>
54	SINDHOORA SANTHOSH	BOTANY	<i>[Signature]</i>
55	SREENANDA P O	BOTANY	<i>[Signature]</i>
56	AKHILA A NAIR	FACS	<i>[Signature]</i>
57	AMBILI R	FACS	<i>[Signature]</i>
58	DEVANANDANA SHYLAJAN	FACS	<i>[Signature]</i>
59	INDULEKHA S NAIR	FACS	<i>[Signature]</i>
60	PARVATHY JAYAN	FACS	-
61	SAYANA LAL	FACS	-
62	SREELAKSHMI M	FACS	<i>[Signature]</i>
63	SREELAKSHMI R	FACS	<i>[Signature]</i>
64	SWAPNA RANI	FACS	<i>[Signature]</i>
65	ANJANA S	FACS	<i>[Signature]</i>


 Dr. Smitra Joseph
 Co-ordinator
 Science Research cluster



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Report on the Talk “Designing and Delivering with Impact”



The brochure features the BCM logo at the top, which includes a crest and the text 'BCM BISHOP CHULAPARAMBIL MEMORIAL COLLEGE KOTTAYAM'. Below the logo, the text reads 'CENTER FOR WOMEN EMPOWERMENT & UPSKILLING RESEARCH DEVELOPMENT & SCIENCE RESEARCH CLUSTER'. It then states 'Jointly Organizes a Talk On, "DESIGNING AND DELIVERING WITH IMPACT"'. A portrait of Dr. Gopika G Nair is shown on the left, with her name and title 'Assistant Professor On Contract Department Of Physics St. Mary's College Manarcad' on the right. The bottom section contains event details: '17/02/2026, Tuesday', 'Room No: 212', and '2.00pm', each accompanied by a small icon (calendar, location pin, and clock). At the bottom left, it says 'Faculty Coordinator: Dr. Smitha Joseph'.

BCM
BISHOP CHULAPARAMBIL MEMORIAL
COLLEGE KOTTAYAM
Aided College affiliated to MG University | NAAC accredited with A+ [3,46/4]

**CENTER FOR WOMEN EMPOWERMENT & UPSKILLING
RESEARCH DEVELOPMENT
&
SCIENCE RESEARCH CLUSTER**

Jointly Organizes a Talk On,
**"DESIGNING AND DELIVERING
WITH IMPACT "**

**Dr. Gopika G Nair**
Assistant Professor On Contract
Department Of Physics
St. Mary's College Manarcad

 **17/02/2026, Tuesday**
 **Room No: 212**
 **2.00pm**

Faculty Coordinator: Dr. Smitha Joseph

Brochure of the Program

The Science Research Cluster, Research Development and Centre for Women Empowerment and Upskilling Cell of Bishop Chulaparambil Memorial College jointly organizes a talk titled “Designing and Delivering with Impact” on 17th February 2026 at 2:00 PM in Room 212. The session aimed at equipping students and young researchers with essential skills for designing effective presentations and delivering them confidently at seminars and conferences.

The resource person for the session was Dr. Gopika G. Nair, Faculty, Department of Physics, St. Mary's College. An accomplished academician and recipient of several *Best Presenter Awards* at various national and international conferences, Dr. Nair shared her valuable insights and practical experiences in academic presentation and research communication.

During the session, Dr. Gopika elaborated on the systematic process of preparing a conference presentation — beginning with structuring research content, designing clear and visually appealing slides, selecting appropriate fonts and graphics, and maintaining clarity and brevity. She emphasized the importance of storytelling in scientific presentations, effective data representation, and aligning content with the expectations of the target audience.



Glimpses of the session

She also provided practical tips on delivery techniques, including voice modulation, body language, time management, handling stage fear, and confidently addressing questions during interactive sessions. Drawing from her own experiences, she highlighted common mistakes to avoid and strategies to make presentations impactful and memorable. Dr. Nair strongly encouraged students to actively participate in conferences and present their project

work, stating that such experiences significantly enhance academic growth, research exposure, and professional networking. Her motivating words inspired students to view conferences not merely as academic requirements but as opportunities for intellectual exchange and career advancement.

The session was coordinated by Dr. Smitha Joseph, Assistant Professor, Department of Physics, Bishop Chulaparambil Memorial College, who played a key role in organizing the program. The event concluded with an interactive discussion, where participants clarified their doubts and shared their aspirations regarding research presentations. The talk proved to be highly informative and motivating, leaving participants better equipped with the knowledge and confidence to design and deliver impactful presentations in future academic forums.

Outcome

The program on Designing and Delivering with Impact motivated students to approach scientific presentations with greater confidence and clarity. Students developed skills in structuring technical content logically, simplifying complex concepts, and communicating ideas effectively. The session also helped them overcome stage fear and improve their presentation techniques, including voice modulation, body language, and slide design.

Conclusion

The program successfully empowered students to present scientific ideas with confidence and professionalism. By combining content mastery with effective delivery skills, students are now better prepared to participate in seminars, conferences, and academic discussions with assurance and impact. The session also encouraged students to view presentations not as a source of anxiety, but as an opportunity to showcase their knowledge and creativity. Overall, the initiative fostered a positive mindset towards scientific communication and strengthened their academic self-confidence.

**Participation List – ‘Designing and delivering with Impact’
Date 17 February 2026**

SL.No.	NAME	DEPARTMENT	SIGNATURE
1	MOHITHA RAJESH	PHYSICS	
2	PARVATHY S	PHYSICS	
3	ARPITHA CHANDRAN	PHYSICS	
4	ANUGRAHA JAYAN	PHYSICS	
5	SELMA SELVAM	PHYSICS	
6	JOSNA B PRADEEP	PHYSICS	
7	APARNA M REJI	PHYSICS	
8	AKSA SUSAN VARGHESE	PHYSICS	
9	ANJANA C S	ZOOLOGY	
10	ARDRA J B	ZOOLOGY	
11	HIBA FEBIN	ZOOLOGY	
12	JOANNA SUSAN JOSSI	ZOOLOGY	
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18	ADHITHYA BINU	ZOOLOGY	
19	ATHIRA ANILKUMAR	ZOOLOGY	
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28	DIVYENDU DIPUKUMAR	CHEMISTRY	
29	FARHANA FATHIMA	CHEMISTRY	
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31	SRUTHY A S	CHEMISTRY	
32	AISWARYALAKSHMI R	CHEMISTRY	
33	DEVIPRIYA M B	CHEMISTRY	
34	Akhila Ganakumar	FSQC	

17/2/2026
 Dr. Sonitha Joseph
 Co-ordinator
 Science Reseach
 Centre
 PCM College, V. Nagar

Course outcomes

CO1 -Explain foundational concepts of research methodology, types, and ethical principles.

CO2 -Apply research planning techniques, including crafting research proposals and conducting literature reviews using AI tools.

CO3 -Analyze collected data, perform basic statistical analyses, and interpret results with appropriate software and AI support.

CO4 - Design academic posters, graphical abstracts, and presentations to communicate research effectively using traditional and AI-enhanced tools.

CO5 - Critically evaluate ethical considerations in research, including responsible use of AI tools, and demonstrate integrity in proposal writing and academic communication.

Module 1: Foundations of Research (5 Hours)

- Introduction to Research Methodology (2 hrs)
 - Basics of research: types, purpose, importance.
 - Overview of literature review and research design.
 - Department-specific examples.
 - Demonstrate AI-assisted literature exploration (e.g., Elicit, Research Rabbit).
- Introduction to Note-taking Techniques (1 hr)
 - Cornell method, mind mapping, summarizing.
 - Tools for digital note-taking.
 - Explore AI tools for generating mind maps, summarizing articles.
- Ethical Considerations in Research (2 hrs)
 - Plagiarism, research integrity, social responsibility.
 - Case studies on ethical dilemmas.
 - Discuss ethical use of AI-generated content; recognizing biases in AI outputs.

Module 2: Research Planning and Proposal Writing (5 Hours)

- Writing Research Proposals (2 hrs)
 - Crafting research questions, objectives, brief literature review.
 - Writing abstracts and synopses.
 - Using AI tools to brainstorm research questions, generate proposal outlines.
- Mock Proposal Workshop (3 hrs)
 - Students prepare a 1-page proposal.
 - Peer and mentor feedback.
 - Peer-review using AI tools to check clarity, grammar, and conciseness.

Module 3: Data Collection and Analysis (6 Hours)

- Data Collection Simulation (2 hrs)
- Designing simple surveys.
- Hands-on data gathering from peers.
- Using AI survey tools (e.g., Qualtrics with AI features) to design and pretest surveys.
 - Spreadsheet Basics & Data Entry (1 hr)
- Excel/Origin basics for organizing data.
- Exploring AI-powered data cleaning assistants (e.g., AI data prompts).
 - Introduction to Descriptive Statistics (1 hr)
- Concepts of mean, median, mode, basic charts.
- Using AI tools to automatically generate summary statistics and charts.
 - Data Analysis Tools Workshop (2 hrs)
- Basics of SPSS/R/Jamovi/Gretl.
- Interpreting simple outputs.
- Introduction to AI coding assistants for statistical scripts.

Module 4: Reference Management & Academic Writing Tools (5 Hours)

- Using Citation Managers (1 hr)
- Introduction to Mendeley/Zotero.
- AI Integration: Using AI to suggest relevant references based on drafts.
 - Reference Formatting Workshop (1 hr)
- APA, MLA, Chicago style basics.
- Automating citation formatting using AI plugins.
 - Advanced Note-Taking & Organizing Sources (1 hr)
 - Integrating notes with citation tools.
 - Graphical Abstracts & Visual Summaries (2 hrs)
- Creating effective visuals for research papers.
- AI-powered tools to generate infographics and graphical abstracts.

Module 5: Presentation Skills (9 Hours)

- Academic Poster Design Workshop (3 hrs)
- Elements of an effective research poster.
- Practice designing individual/group posters.
- Using AI design tools (e.g., Canva with AI features) for poster templates and layouts.
 - Mock Paper Presentations (4 hrs)
- 5-minute conference-style talks + peer Q&A.
- Practicing with AI-powered speech coaches for clarity and pacing.

- Effective Communication of Research (2 hrs)
- Tips on engaging academic audiences.
- Using AI to draft elevator pitches or simplify complex research findings for diverse audiences.

Total Duration: 30 Hours

- **Department-specific sessions: 20 hours**
- **Common sessions (IIDC/IIIDC): 10 hours**
- **Departments can adapt timings to specific needs.**

Assessment Tools Aligned to Modules and Outcomes

Module	Key Assessments	Course Outcomes Addressed	Assessment Tools (examples)
Module 1: Foundations	- Short quizzes on research concepts - Participation in case studies on ethics	CO1, CO5	- MCQ/short-answer quizzes - Reflective journal on ethics cases
Module 2: Planning & Proposal	- 1-page research proposal - Peer feedback	CO2, CO5	- Proposal rubric - Peer-assessment checklist using AI grammar/style suggestions
Module 3: Data Analysis	- Data collection report - Basic data analysis exercises	CO3	- Graded lab report - Practical spreadsheet/statistics assignment
Module 4: Writing & References	- Reference formatting exercise - Visual abstract creation	CO2, CO4	- Formatting accuracy scorecard - Rubric for graphical abstracts
Module 5: Presentation Skills	- Poster design - Oral presentation with Q&A	CO4, CO5	- Poster evaluation rubric - Oral presentation rubric, including clarity and engagement

BCM College Kottayam

Research Development Cell (RDC)

Guidelines for Thesis Submission and Technical Programme

The Research Development Cell (RDC) of BCM College aims to promote a culture of systematic, ethical, and high-quality research among students and faculty. To streamline research activities and ensure uniformity across disciplines, the following guidelines are established for undergraduate (UG) and postgraduate (PG) research thesis submission and technical programme conduct.

A. SYNOPSIS / RESEARCH PROPOSAL SUBMISSION PROCEDURE

1. Selection of Research Topic

- Students must select a relevant and feasible research topic within their field of study, in consultation with the research guide.
- Topics should contribute to knowledge creation, innovation, or community development.

2. Preparation of Synopsis / Research Proposal

The proposal should include the following sections:

- Title of the Study
- Introduction and Background of the Study
- Review of Literature
- Objectives of the Study
- Hypotheses / Research Questions (if applicable)
- Methodology (sample, tools, data collection methods, and analysis plan)
- Expected Outcome and Significance
- Tentative Timeline
- References (APA format)

3. Submission of Proposal

- The student shall submit the synopsis in **hard and soft copies** to the **Department Advisory Committee** through the guide.
- The proposal must be submitted within the **first semester (for PG)** and within the **first term of the final year (for UG)**.

4.Presentation and Approval

- a) Each student must **present the synopsis** before the **Department Advisory Committee**.
- b) The committee will evaluate the proposal for feasibility, originality, methodology, and ethical considerations.
- c) After necessary revisions, the **final approval** will be granted by the **Head of the Department (HoD)** and the **Research Development Cell**.

5.Ethical and Statistical Review (if applicable)

- d) Research involving human subjects must obtain **ethical clearance** from the Institutional Ethics Committee.
- e) Studies involving quantitative data must be reviewed by a **statistical expert** to ensure validity and reliability.

6. Registration of Approved Topics

Once approved, the **title and synopsis** will be registered in the RDC database with unique identification numbers for each student project.

UG/ PG Thesis Regulations

1. A structured advisory committee should be established for each department, comprising a minimum of five members:

- A chairman or guide
- A subject matter expert,
- An industrial expert,
- One member from statistics, and
- Two faculty members from the department.

2. Students must submit and obtain approval for their research proposals from the advisory committee and Head of the Department.

3. Follow the university's prescribed format for thesis writing, which includes guidelines for font size, margins, and structure (abstract, introduction, literature review, methodology, results, discussion, conclusion, and references).

· Font: Times New Roman, Size 12, 1.5 Line Spacing

· Margins: 1 inch on all sides

· Structure: Abstract, Introduction, Review of Literature, Methodology, Results, Discussion, Conclusion, References (APA 7th edition)

4. To uphold the originality of research, students are required to submit their theses for plagiarism checking using the university/ College recommended plagiarism detection tool.

· All theses must be submitted to the **university-approved plagiarism detection tool** before final submission.

· A **Plagiarism Clearance Certificate** must be attached.

· Acceptable similarity index: **≤ 20% for UG** and **≤ 15% for PG**.

5. To ensure the quality and credibility of research work, mandatory research publications prior to thesis submission are required. Students must submit **at least two research papers for publication in recognized journals, as per UGC regulations, and attach proof of submission or acceptance.**

· To ensure research quality and academic contribution, publication of research papers is **mandatory** prior to thesis submission.

· **UG students:** Minimum **one paper** in a referred or recognized journal.

· **PG students:** Minimum **two papers** in recognized or peer-reviewed journals (UGC-CARE listed preferred).

· Proof of submission or acceptance must be attached to the thesis.

6. Submit a draft of the thesis to the advisory committee for preliminary review and feedback.

· A **draft thesis** must be submitted to the Advisory Committee for preliminary evaluation.

· Students must incorporate all suggestions and corrections before final approval.

7. Obtain final approval from the **Advisory Committee** and **Head of the Department** before submitting the thesis to RDC.

8. **The thesis will be evaluated by an internal examiner (from the institution) and an external examiner (appointed by the institution or department).**

9. Defend the thesis in a viva voce conducted by the evaluation panel. The final decision regarding the thesis will be based on this defense.

· Students must **defend their thesis** before the evaluation panel.

· The final decision regarding the award of marks or grade will be based on the **written thesis and viva voce performance**.

10. Adhere to the deadlines for thesis submission as outlined in the academic calendar.

11. Submit the final thesis copies (typically 4–6 hard copies and one soft copy) to the library or the concerned department.

Additional points

- Encourage Interdisciplinary Research
- Train students in advanced research methodologies, including statistical tools, experimental design, and qualitative analysis, to ensure robustness and reliability of results.
- Foster partnerships with other academic institutions, industries, and research organizations for joint projects, sharing resources, and gaining exposure to global practices.
- Require students to publish their research findings in high-impact, peer-reviewed journals to ensure accountability and recognition of their work.
- Schedule progress review meetings and departmental seminars for students to present their work, receive feedback, and refine their research.
- Offer research grants, scholarships, and funding for conference participation to motivate students and ease financial burdens.
- Pair students with senior researchers or alumni who can provide additional guidance and support throughout the research process.

BISHOP CHULAPARAMBIL MEMORIAL COLLEGE

Kottayam, Kerala
INSTITUTIONAL ETHICS COMMITTEE
APPLICATION FOR ETHICS REVIEW

Section I: ADMINISTRATIVE

Application No. _____

Date of Receipt

(A) INVESTIGATORS: *(Attach brief CV of each investigator – not more than 2 pages each)*

Principal Investigator:	
Name:	Degree:
Address:	
Co-Principal Investigator(s)	
1)	
Name:	Degree:
Address:	
2)	
Name:	Degree:
Address:	
Send Correspondence to: [<input checked="" type="checkbox"/>] PI; [<input type="checkbox"/>] PI & Co-PI No. (); [<input type="checkbox"/>] Only to Co-PI No. ()	

(B) TITLE AND DURATION OF PROPOSED STUDY:

Study Title:
Month and year of likely commencement of the study:
Duration of the study:

(C) FUNDING:

Type of funding:																	
<input type="checkbox"/> Contract/Grant	<input type="checkbox"/> Subcontract	<input type="checkbox"/> Gift/donation of drugs/devices															
<input checked="" type="checkbox"/> Student Project	<input type="checkbox"/> Other (specify)																
Source of funding: (If multiple sources, give information on primary source)																	
<input type="checkbox"/> Government: specify: () Central (<input checked="" type="checkbox"/>) State () local Kerala Agricultural university																	
<input type="checkbox"/> -----																	
<input type="checkbox"/> Private Foundation: specify: () Indian () Foreign																	
<input type="checkbox"/> Industry: specify: () Private () Public () Other																	
<input type="checkbox"/> Other		<input type="checkbox"/> No funding required															
If multiple sources of funding, give information on secondary source(s):																	
Status of funding:																	
<input checked="" type="checkbox"/> Funding awarded/available; <input type="checkbox"/> Funding partially awarded/available; <input type="checkbox"/> Fund application pending																	
<input type="checkbox"/> No funding application made; <input type="checkbox"/> No funding required																	
Processing Charges paid if any:		Specify Details															
Name, address and tel/fax/email of (primary) sponsor with the name of contact person																	
Phone No:																	
Email ID:																	
Budget Details (show fund allocation to various heads)																	
<table border="1"> <thead> <tr> <th>SL.NO</th> <th>PARTICULARS</th> <th>AMOUNT (Rs)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Photocopy and other stationary items</td> <td></td> </tr> <tr> <td>2.</td> <td>Travel allowance</td> <td></td> </tr> <tr> <td>3.</td> <td>Others</td> <td></td> </tr> <tr> <td></td> <td>Total</td> <td></td> </tr> </tbody> </table>			SL.NO	PARTICULARS	AMOUNT (Rs)	1.	Photocopy and other stationary items		2.	Travel allowance		3.	Others			Total	
SL.NO	PARTICULARS	AMOUNT (Rs)															
1.	Photocopy and other stationary items																
2.	Travel allowance																
3.	Others																
	Total																
Are the study participants protected by insurance coverage? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, specify the amount and conditions of coverage																	

(D) DRUG, DEVICES AND BIOLOGICS:

Does your study involve testing of drug(s), device(s) and/or biologics? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes,
Are they already approved by the regulatory authorities and available in the market or are they new ones? <input type="checkbox"/> Already approved <input type="checkbox"/> New one
Who has prepared and/or is manufacturing the drug(s), device(s) and biologics under investigation?

Who holds the patent of the drug(s), Device(s) and biologics under investigation?

What are the reasonable possibilities of the availability after the study of the investigational drug(s), device(s) and biologics for the study participants/subjects if it is found to be effective?

(E) PERMISSIONS: *(Attach copy of relevant permission letters)*

Does your study require permission from regulatory authorities?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If yes, specify the following:		
(i) From Drug Controller:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No. Whether permission obtained: <input type="checkbox"/> Yes <input type="checkbox"/> No
(ii) From the ICMR:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No. Whether permission obtained: <input type="checkbox"/> Yes <input type="checkbox"/> No
(iii) From other Government department(s):	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, specify departments:		
(a) BCM College	Whether permission obtained: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
(b) RDC	Whether permission obtained: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Does your study require you to send human biological material outside India?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If yes, have you:		
(i) Obtained permission of the Director, BCM?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(ii) Has BCM and the foreign party signed agreement/MoU for that?	<input type="checkbox"/> Yes	<input type="checkbox"/> No.
<i>(if yes, attach a copy of the agreement/MoU)</i>		
If study will be conducted fully or partially outside the BCM, please describe the need for permission from institution(s), health centre(s), local government/administrative bodies, etc.		

Budget details (show fund allocation to various heads)

- | | |
|---|----------|
| 1. Photocopy and other stationary items | - |
| 2. Travel allowance | - |
| 3. Others | - |
| Total | - |

Are the study participants protected by insurance coverage? Yes No

If yes specify the amount and conditions of coverage

(F) STATEMENT ON CONFLICT OF INTERESTS, IF ANY:

Describe briefly, if any, the financial and other interests of any of the investigators and/or close relative(s), with the sponsor(s) and outcome of the study.

The authors declare no conflict of interest.

Section II: STUDY DESIGN, SUBJECT/PARTICIPANT SELECTION AND DATA COLLECTION PROCEDURES

Note: As far as possible, complete items A to G given below using non-technical, lay language. Give full form or definition of all *abbreviations and acronyms*. The word limit prescribed is recommendatory, but as far as possible, the total length of items A to E should not exceed five pages or 1500 words.

(A) SUMMARY:

Briefly summarise the study design: 50 words.

(B) STUDY PURPOSE:

Give specific hypothesis, aim/goal and objectives: 200 words

Hypothesis

Aim/ Objectives

(C) STUDY BACKGROUND:

Give summary of literature review and rationale for the proposed study: 300 words

(D) DESIGN (check all applicable)

Epidemiological, Social Sciences, Survey, Focus Groups, In-depth interviews
 Case Studies, Observations, Any other (specify) _____

Any general description of design, if needed. (50 words)

Study design -Randomised controlled study

(E) SUBJECT/PARTICIPANT SELECTION

(a) TYPE: Explain who will be the subjects/participants and rationale for selecting them (specific explanation if participants will include Minor, Pregnant woman, Neonate, Person incompetent to give informed consent, Prisoner, Normal/Healthy volunteer, Student, Staff of the institute). (100 words)

(b) NUMBER: Explain about subject/participant selection (please respond to each item): (i) total number, (ii) rational for having that number or sample size, (iii) sampling method, if any, (iv) what proportion of them will be women, (v) from where they will be recruited and (vi) whether screening of larger number will be required. (200 words)

- i. **Total number of samples :**
- ii. **Rationale for having that number or sample size:**
- iii. **Sampling method :** Purposive sampling method
- iv. **What proportion of them will be women :**
- v. **From where they will be recruited :**
- vi. **Whether screening of larger number will be required :**

(c) ELIGIBILITY: Explain Inclusion and Exclusion criteria, with specific explanation if the gender, class, caste, ethnicity, race, will be used as Inclusion and/or Exclusion criteria (50 words)

1. Inclusion Criteria

2 . Exclusion Criteria

(d) RECRUITMENT: Explain who will do the recruitment of the subjects/participants and how. (50 words)

PI & Co-PI

(F) DATA COLLECTION PROCEDURES:

Explain, in sequence, the conduct of study and all data collection procedures. Please include information on (a) medical/surgical procedures, tests, (b) treatment, (c) interviews, discussions, observations, (d) follow up, (e) specific locations where they will be performed and (f) by whom. Specify if procedure involves banking of biological samples, HIV testing, genetic testing. (200 words)

Phase I

Phase II

Phase III

(G) DATA ANALYSIS:

Plan of data analysis – including by whom and how. Please mention whether data will be analysed to

understand gender, caste, class, ethnicity, race differentials. (150 words)

Section III: RISKS, BENEFITS, PRIVACY AND CONFIDENTIALITY

(A) RISKS:

(a) RISKS, DISCOMFORT AND SIDE EFFECTS: Describe all possible risks and discomfort for subject/participant due to use of intervention and/or interaction procedures/data collection methods proposed. Describe expected degree and frequency of such risk, discomfort, side effect of drug etc.

(b) MINIMISATION: Describe steps you have taken or propose to take to minimise such risk, discomfort or for early recognition of side effects and their management.

-NA-

(c) DATA AND SAFETY MONITORING:

i) Describe how you define adverse events in your study, how and to whom you propose to report them, and what rules you will use for stopping the study due to adverse events. Describe Data and Safety Monitoring Plan of your project.

ii) Does the project require appointment of an Internal *Data Safety Monitoring Board (DSMB)*? If Yes, suggest 5 or 6 names and addresses of the proposed DSMB members for the IEC approval.

(d) PRIVACY AND CONFIDENTIALITY: Describe (i) how you propose to provide privacy to subjects/participants while conducting study, (ii) what level of confidentiality you propose to promise, (iii) what are the likely consequences to the subject/participant in the event of violation of confidentiality.

(e) IDENTIFIERS: Describe (i) the types of identifiable information on subject/participant you intend to collect, (ii) how do you propose to mask/remove identifiers, (iii) how do you propose to ensure safe keeping and storage of identifiable data.

(f) BENEFITS: Describe benefits to the subject/participant in participating in the study. Also describe the benefits, if any, to the society.

(g) RISK/BENEFIT: Analyse the extent to which the benefits of the study out-weigh the risk to the subjects/participants.

Section IV: INFORMED CONSENT PROCESS

(a) TYPE: (Check all applicable)

Signed witnessed consent; Signed non-witnessed consent; Witnessed Thumb Impression
 Non-witnessed thumb impression; Verbal consent; No consent will be obtained
 Consent from Surrogate will be obtained (If so, specify from whom)

(b) PROCESS: Describe (i) How, Where, When and By Whom the Informed Consent will be obtained. (ii) how much time the subject/participant will be given to consider participation and decide, (iii) describe additional plans/needs for informed consent in case the study involves special population such as minors, pregnant mothers, neonates, prisoners, etc. (iv) Describe how you will assess that information is correctly understood by the participant.

- (i) How, Where, When and By Whom the Informed Consent will be obtained:**
- (ii) How much time the subject/participant will be given to consider participation and decide**
- (iii) Describe additional plans/needs for informed consent in case the study involves special population such as minors, pregnant mothers, neonates, prisoners, etc.**
- (iv) Describe how you will assess that information is correctly understood by the participant.**

(c) INFORMATION CONTENT: Please attach Informed Consent form in English and translated local language(s). The IC form must contain the following information:

(1) a statement that consent is for a study/research/experiment, (2) an explanation of the purpose of research and nature of procedure, (3) all foreseeable risks/discomforts to participants due to research, (4) any benefits to be expected, (5) alternative procedures or courses of treatment in case subject does not want to participate, (6) the extent of confidentiality protection provided, (7) explanation on provision of compensation for injury caused to participant during the study, (8) whom to contact to know more about the study and participants' rights, (9) a statement that participation is voluntary, (10) A statement that participant can withdraw consent and from the study at any time without any facing any penalty.

(d) COST AND PAYMENT: Describe the cost for participating in the study to the subject/participant. Describe plan to reimburse or compensate participant – if yes, the amount of payment proposed.

LIST OF ATTACHMENTS:

1. Full proposal, with protocols/instruments for data collection and budget in detail.
2. Copy of the agreement signed by the Institute and the sponsor of the study (if applicable)

[The attachments as mentioned in the application form above]

- 2.
- 3.
- 4.
- 5.
- 6.

Principal Investigator's Certification:

- I certify that the information provided in this application is complete and correct.
- I accept ultimate responsibility for the conduct of this study, the ethical performance of the project, and the protection of the rights and welfare of the human subjects who are directly or indirectly involved in this project.
- I will comply with all policies and guidelines of the BCM and affiliated/collaborating institutions where this study will be conducted, as well as with all applicable laws regarding the research.
- I will ensure that personnel performing this study are qualified, appropriately trained and will adhere to the provisions of the IEC-BCM approved protocol. I will not modify this IEC-BCM certified protocol or any attached materials without first obtaining approval for an amendment to the previously approved protocol.

Name and Signature

Date.

Ph.D. APPLICATION FORM

BISHOP CHULAPARAMBIL MEMORIAL COLLEGE (BCM COLLEGE), KOTTAYAM

Affiliated to Mahatma Gandhi University, Kottayam

APPLICATION FOR REGISTRATION FOR THE DEGREE OF DOCTOR OF PHILOSOPHY (Ph.D.)

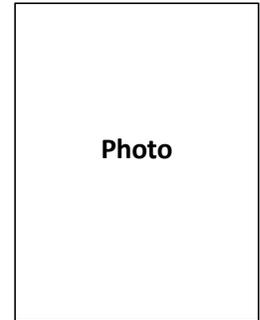
12. Notification Details

University Order No. of Research Scholar: _____

Dated: _____

University Order No. of Research Guide: _____

Dated: _____



13. Personal Details of the Applicant

Name of Applicant (in block letters): _____

Date of Birth: _____ Sex: _____

Nationality: _____

Whether belongs to SC/ST: Yes / No

If Yes, Community: _____

(Attach attested copy of community certificate)

14. Address Details

Permanent Address:

PIN: _____

Present Residential Address:

PIN: _____

Employment Status: Employed / Not Employed

If employed, Designation & Office Address (with Phone):

15. Educational Qualifications

(Attach attested copies of relevant certificates & marklists)

Qualification	College / University	Subject(s)	Year of Passing	Grade Point	% of Marks
Degree					
P.G. Degree					
Other					

16. Recognition / Matriculation Details

Whether recognized by Mahatma Gandhi University: **Yes / No**

Whether qualifying examination registered as matriculate of MGU: **Yes / No**

If Yes, Month & Year: _____

17. Experience (Attach certificates if applicable)

Teaching Experience

Level	College/Institution	University	From	To
PG Level				
Graduate Level				

Research Experience

Institution (if any): _____ **Years:** _____

18. Prior Research Registration

Has the applicant applied for/been registered for research in any other University/Department? Yes / No

If Yes, give particulars: _____

19. Details of Research Publications (Attach copies of research

papers) **No. of research paper published (if any) :**

Details (Title of the paper, Journal & Publisher) :

20. Mode of Research

Full-Time / Part-Time (tick one)

Eligible for exemption from entrance test? Yes / No

If Yes, basis (NET/CSIR/JRF/GATE etc.): _____

21. Faculty and Subject of Research

Faculty under which registration is sought: _____

Proposed Department / Research Centre: _____

Proposed Guide (Name & Designation): _____

Relationship of applicant to Guide (if any): _____

22. Research Topic

Proposed Topic (in block letters):

Attach a brief statement containing hypothesis/problem, source material, methodology, and tentative schedule.

23. Title of Thesis (if selected):

24. Details of Fees Remitted

Amount: ₹ _____

Receipt No.: _____ **Date:** _____

DD No./UTR No. (if applicable): _____

25. List of Documents Attached (tick all applicable)

- Degree Certificates
- Mark Lists
- Community Certificate
- Experience Certificate
- NET/CSIR/GATE/JRF Certificate
- Research Proposal
- ID Proof
- Others (specify): _____

DECLARATION

I.....hereby declare that the particulars given by me are true to the best of my knowledge. I agree to abide by the rules and regulations of Mahatma Gandhi University and BCM College and to undertake full-time/part-time research under an approved Guide upon registration.

Place: _____

Date: _____

Signature of the Applicant: _____

Fee Structure : PhD Students

Fee Structure (Admission - Semester 1)	Science	Arts & Humanities
Item	Amount	Amount
Application fee	500	500
Admission fee	2000	2000
Laboratory fee	2000	
Library fee	1000	1000
Internet & Wifi	2000	2000
Workshops & Seminars	4500	4500
Total	12000	10000
Fee Structure (Semesterwise)	Science	Arts & Humanities
Item	Amount	Amount
Library fee	1000	1000
Internet	2000	2000
Administration fee	4500	4500
Total	7500	7500

Report on the Session: Research Methodology: An Introduction

Organized by: Research Development Cell & Commerce Research Cluster, BCM College Kottayam

Date: 23 July 2025

Time: 12:30 PM – 2:30 PM

Venue: Sr. Savio Hall

Resource Person:

Dr. Jipin V Jimmy

Assistant Professor & Head, Department of Commerce



RESEARCH DEVELOPMENT CELL & COMMERCE RESEARCH CLUSTER



WORKSHOP

Research Methodology: An Introduction

Resource Person:

Dr. Jipin V Jimmy

Assistant Professor & Head
Department of Commerce



23 July 2025



12:30 pm



Sr.Savio Hall

Brochure

Objective of the Workshop:

The primary intention of the workshop was to provide IIIDC B.Com students with a general understanding of research, focusing on how to begin the process of conducting research. The session aimed to demystify research for students, encouraging them to see it as a systematic and structured approach to inquiry rather than a complex academic task.

Workshop Content:

Dr. Jipin V Jimmy introduced the students to the fundamental aspects of research, with particular emphasis on the following points:

- Definition and purpose of research in academic and practical contexts
- Importance of curiosity and asking meaningful questions as the starting point of research
- Steps involved in initiating a research project:
 - Identifying a research problem or area of interest

- Conducting preliminary literature review to understand existing work
- Formulating clear research objectives or hypotheses
- Basic overview of methods for collecting data (primary and secondary sources)
- Introduction to the concept of research ethics
- Simple guidance on how to approach academic writing and reporting findings

Programme Intention:

The programme was designed to equip students with the confidence to start their own research journey. It aimed to reduce the anxiety associated with research by providing a clear, structured approach to begin the process. The session highlighted that research is not reserved for experts but is accessible to any student with curiosity and a systematic approach.

Outcomes:

- Students acquired a clear and practical understanding of what research is and why it is important.
- The session provided a basic roadmap for starting a research project, especially useful for academic assignments and projects.
- Increased student motivation to engage in research activities and consider research as part of their academic growth.

Conclusion:

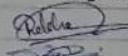
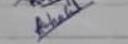
The workshop successfully fulfilled its objective of introducing research methodology to III DC B.Com students in a practical, simple, and engaging manner. The 2-hour session provided a structured and easy-to-understand approach to starting research, effectively preparing students for academic projects and future research activities



Dr. Jipin V Jimmy addressing B.Com students during the workshop on Research Methodology: An Introduction

Workshop on Research Methodology: An introduction		
Date	23rd July 2025	
Venue	Sr. Savio Hall	
Time	12:30 PM	
Resource Person	Dr. Jipin V Jimmy	
Participants List		
Sl. No.	Name of Student	Signature
1	ADITHYA C NAIR	<i>Adithya</i>
2	AKHANA SHAJI	<i>Akha</i>
3	AMINA NAVAS	<i>Aminav</i>
4	DIYA ELSA NEBU	<i>ab</i>
5	FARZANA N	<i>Farzana</i>
6	IHSANA IRSHAD	<i>Ishad</i>
7	IRENE SUSAN AJAY	<i>Irene</i>
8	KAVERI S	<i>Kaveri</i>
9	NANDANA SUNIL	<i>Nandana</i>
10	RENIMOL JOSEPH	<i>Rani</i>
11	SNEHA SUNILKUMAR	<i>Sneha</i>
12	ANILA MATHEW	<i>Anila</i>
13	ANJANA PAREEK	<i>Anjana</i>
14	DEVIKRISHNA N S	<i>ab</i>
15	STEPHY JAMES	<i>Stephy</i>
16	VIDHYA JAYAKUMAR	<i>Vidhya</i>
17	S JASMIN HANI	<i>Jasmin</i>
18	SUJIMITHA S	<i>Sujimitha</i>

Workshop on Research Methodology: An introduction			
Date	23rd July 2025		
Venue	Sr. Savio Hall		
Time	12:30 PM		
Resource Person	Dr. Jipin V Jimmy		
Participants List			
Sl. No.	Roll No.	Name of Student	Signature
1	23412	ANAKHA GIRISH	<i>Anakha</i>
2	23413	ANAKHA P S	<i>anakha</i>
3	23414	ANAKHA SIBI	<i>a</i>
4	23415	ANEENAMOL SANEESH	<i>a</i>
5	23416	ANJANA JANARDHANAN	<i>a</i>
6	23417	ANJANA M R	<i>Anjana</i>
7	23418	ANU TINTU MATHEWS	<i>Anu</i>
8	23419	ANUPAMA ANIL	<i>Anupama</i>
9	23420	APARNA BINO	<i>a</i>
10	23421	ARATHY M	<i>a</i>
11	23423	ARCHANA V S	<i>a</i>
12	23424	ARDRA U	<i>a</i>
13	23425	DEVIKA SAJI	<i>Devika</i>
14	23428	FATHIMA NEHRIN	<i>Fathima</i>
15	23429	GANGA JAYAN	<i>a</i>
16	23430	GAYATHRI GOPINATH	<i>Gayathri</i>
17	23431	GIYA ELIZABETH VARGHESE	<i>Giya</i>
18	23432	JEENA REJI	<i>Jeena</i>
19	23433	KUMEL SANTHOSH	<i>Kumel</i>
20	23434	MRUDULA.P.M	<i>Mrudula</i>
21	23435	NANDANA A	<i>Nandana</i>
22	23436	NANDANA SUNIL	<i>Nandana</i>
23	23437	NANDHANA SURESH	<i>a</i>
24	23438	NEHA RAJU	<i>a</i>
25	23439	NIVYA SIJIMON	<i>Nivya</i>

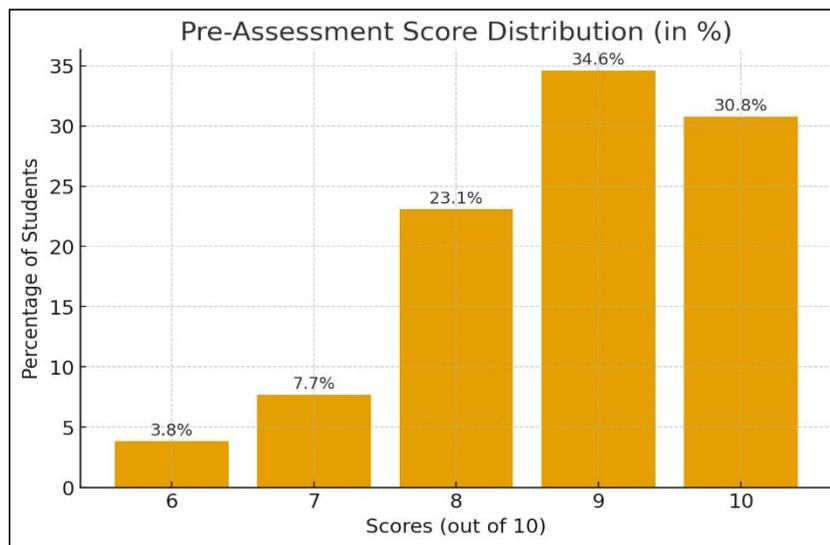
Sl. No.	Roll No.	Name of Student	Signature
26	23440	REKHA K	
27	23441	SURYA P S	
28	23442	THIRZA BABU	
29	23443	ACHU AJU	
30	23444	AKSAMOL P R	
31	23445	ALFI ANNA JOY	
32	23446	ALISHA ANIL	
33	23447	ALVINA LIZ JAMES	
34	23448	ANAGHA S	
35	23450	DIYA REJI	
36	23451	KAVYA SANEESH	
37	23453	NANDANA SANAL	
38	23454	NANDANA SANTHOSH	
39	23455	SANDRA R	
40	23456	SIVANI MANOJ	
41	23457	SONA R	
42	23458	AKHILA SCARIA	
43	23459	ARCHANA S	

Participants List

Pre-Assessment Report

Context: Following the introductory session on Research Methodology: An Introduction by Dr. Jipin V Jimmy on 23rd July 2025, a pre-assessment test was conducted among III DC B.Com students. The objective of the test was to gauge students' initial understanding of research concepts and identify areas requiring focus.

Data Summary:



Analysis:

- 88.5% of students scored 8 or above, showing a good grasp of foundational research concepts introduced in the session.
- 34.6% scored 9 and 30.8% scored 10, reflecting excellent comprehension among a significant portion of the class.
- 11.5% scored 6 or 7, indicating that a small group may need additional support to strengthen their understanding of basic research principles.

Observations:

- The class demonstrates a strong overall preparedness to engage in research projects.
- The pre-assessment provides a useful benchmark to track learning progress through subsequent sessions.

Recommendations for Students:

- Students scoring below 8 should be encouraged to revisit fundamental concepts and participate in guided practice sessions.
- Regular engagement in research-related discussions, workshops, and reading scholarly articles will further enhance their understanding.

Conclusion:

The pre-assessment demonstrates that students are largely prepared to engage in research activities. By implementing structured mentorship, capacity-building programs, access to resources, and fostering a research-oriented culture, the department can sustain a strong and productive research ecosystem, ensuring both student and faculty growth in academic inquiry and scholarly output.

Report on the Session: Writing an Impactful Literature Review: Strategies and Best Practices

Title: Writing an Impactful Literature Review: Strategies and Best Practices

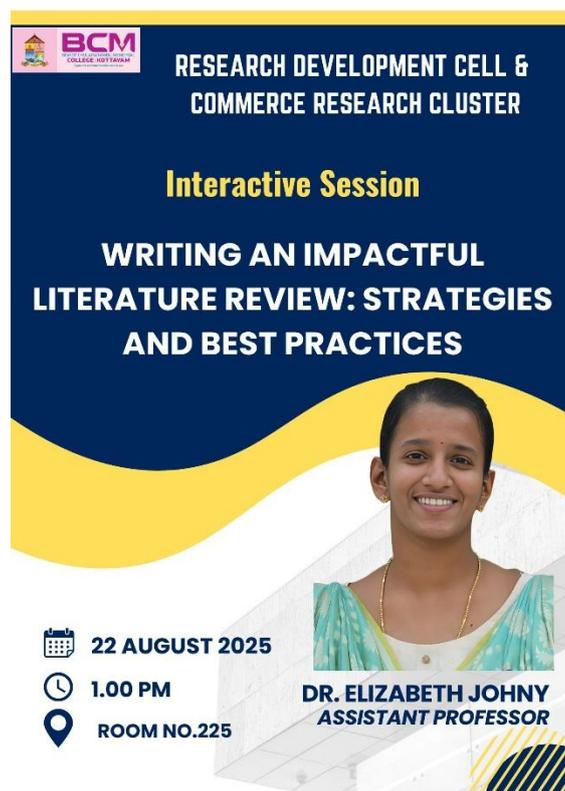
Organized by: Department of Commerce, BCM College Kottayam

Date: 22nd August 2025

Time: 1:00 PM

Venue: Room No. 225

Resource Person: Dr. Elizabeth Johny



Brochure

Objective of the Session

The primary objective of the session was to equip students with the knowledge and skills required to prepare a well-structured and meaningful literature review, which forms the backbone of quality research. The program aimed to familiarize students with effective techniques of reviewing scholarly work while developing critical thinking and research skills.

Session Content

Dr. Elizabeth Johny elaborated on the **purpose and significance** of a literature review in academic projects and dissertations. The key aspects covered during the session included:

- Identifying reliable sources for research
- Searching and accessing scholarly articles efficiently
- Analyzing and interpreting academic literature

- Understanding the proper format and structure of a literature review

Interactive discussions and practical tips further enabled students to understand how to:

- Select and evaluate appropriate scholarly sources for their research
- Conduct efficient literature searches using relevant tools and databases
- Critically analyze and synthesize academic literature rather than simply summarizing it
- Structure their literature reviews clearly and coherently according to academic standards

Programme Intention

The session was designed to encourage students to approach literature reviews systematically. By providing a clear structure and methodology, the program aimed to reduce the challenges students often face in academic writing and to instill confidence in handling dissertations and projects.

Outcomes

- Gain a clear understanding of the purpose and significance of a literature review in academic research
- Identify and evaluate reliable scholarly sources effectively
- Conduct efficient searches and access relevant academic literature
- Analyze, interpret, and synthesize information critically rather than merely summarizing it
- Structure literature reviews in a coherent and organized manner
- Apply practical strategies to frame arguments, maintain logical flow, and ensure originality in their writing

Conclusion

The session on Writing an Impactful Literature Review: Strategies and Best Practices conducted by Dr. Elizabeth Johny was highly informative and engaging. It successfully equipped students with both theoretical knowledge and practical skills required to conduct and present literature reviews effectively. By emphasizing critical thinking, proper sourcing, ethical use of information, and clear structuring, the session prepared students to approach academic projects and dissertations with confidence. Overall, the program enhanced students' research capabilities, fostered a systematic approach to academic writing, and encouraged them to produce literature reviews that are clear, coherent, and impactful.



Dr. Elizabeth Johny interacting with students during the session on Writing an Impactful Literature Review : Strategies and Best Practices

B.Com Finance and Taxation (IIIC)			
TOPIC: Writing an impactful literature Review			
Date: 22/08/2025			
Venue: Room No. 225			
Time: 1:00 PM			
Sl. No.	Roll No.	Name of Student	Signature
1	23412	ANAKHA GIRISH	Ana
2	23413	ANAKHA P S	Ana
3	23414	ANAKHA SIBI	Ana
4	23415	ANEENAMOL SANEESH	Ana
5	23416	ANJANA JANARDHANAN	Ana
6	23417	ANJANA M R	Ana
7	23418	ANU TINTU MATHEWS	Anu
8	23419	ANUPAMA ANIL	Anu
9	23420	APARNA BINO	Aparna
10	23421	ARATHY M	Arathy
11	23423	ARCHANA V S	Archana
12	23424	ARDRA U	Ardra
13	23425	DEVIKA SAJI	Devika
14	23428	FATHIMA NEHRIN	Fathima
15	23429	GANGA JAYAN	Ganga
16	23430	GAYATHRI GOPINATH	Gayathri
17	23431	GIYA ELIZABETH VARGHESE	Giya
18	23432	JEENA REJI	Jeena
19	23433	KUMEL SANTHOSH	Kumel
20	23434	MRIDULA P.M	Mridula
21	23435	NANDANA A	Nandana
22	23436	NANDANA SUNIL	Nandana
23	23437	NANDANA SURESH	Nandana
24	23438	NEHA RAJU	Neha
25	23439	NIVYA SUJIMON	Nivya
26	23440	REKHA K	Rekha
27	23441	SURYA P S	Surya
28	23442	THIRZA BABU	Thirza
29	23443	ACHU AJU	Achu
30	23444	AKSAMOL P R	Aksamol
31	23445	ALFI ANNA JOY	Alfi
32	23446	ALISHA ANIL	Alisha
33	23447	ALVINA LIZ JAMES	Alvina
34	23448	ANAGHA S	Anagha
35	23450	DIYA REJI	Diya
36	23451	KAVYA SANEESH	Kavya
37	23453	NANDANA SANAL	Nandana
38	23454	NANDANA SANTHOSH	Nandana
39	23455	SANDRA R	Sandra
40	23456	SIVANI MANOJ	Sivani

41	23457	SONA R	Sona
42	23458	AKHILA SCARIA	Akhila
43	23459	ARCHANA S	Archana

Participants List

Report on the Session: Workshop on reference management using Mendeley

Organized by: Research Development Cell & Commerce Research Cluster, BCM College Kottayam

Date: 17 October 2025

Time: 12:30 PM – 1:30 PM

Venue: Room No: 225

Resource Person: Dr. Elizabeth Johny

Assistant Professor & Head, Department of Commerce



Brochure

The Department of Commerce, BCM College, Kottayam, organized a comprehensive Workshop on Reference Management Using Mendeley on 17th October at 12:30 pm in Room No. 225. The programme was conducted with the objective of strengthening students' research capabilities and familiarizing them with modern tools used in academic writing and scholarly work. The workshop was led by Ms. Elizabeth Johny, who served as the resource person for the session. She began the programme by explaining the importance of proper referencing in academic research. She highlighted that accurate citation is essential not only to acknowledge the work of other researchers but also to maintain academic honesty and avoid plagiarism.

During the session, Ms. Elizabeth Johny provided a detailed introduction to Mendeley as a powerful reference management software widely used by researchers and academicians. She explained its features and advantages, emphasizing how it simplifies the process of organizing research articles, journals, books, and other scholarly materials. Through a live demonstration, she guided students on creating a Mendeley account, installing the desktop version, and integrating it with word processing software for automatic citation and bibliography generation.

The workshop covered various practical aspects such as importing research papers into Mendeley, organizing them into folders, highlighting and annotating PDF documents, and synchronizing data across devices. She also explained different citation styles, including APA, MLA, and Chicago, and demonstrated how to switch between styles easily while preparing research reports or project work. Special attention was given to the process of inserting in-text citations and generating a reference list automatically, which saves time and ensures accuracy. The speaker also discussed common errors students make while referencing and provided useful tips to improve consistency and clarity in academic writing.

The session was highly interactive and engaging. Students actively participated by asking questions regarding citation formats, managing large volumes of references, and solving technical issues related to the software. The hands-on guidance enabled participants to gain confidence in using Mendeley for their research projects. The workshop proved to be extremely beneficial, particularly for final-year B.Com students who are currently engaged in project preparation. It enhanced their understanding of systematic research documentation and equipped them with practical skills required for academic excellence. The programme concluded with a vote of thanks expressing sincere gratitude to Ms. Elizabeth Johny for her informative and enlightening session. Overall, the workshop was a valuable academic initiative by the Department of Commerce, contributing significantly to the development of research competence among students.



Dr. Elizabeth Johny interacting with students during the session on Writing an Impactful Literature Review.

Bishop Chulaparambil Memorial College Kottayam
Department of Commerce - III DC B Com Finance & Taxation
Attendance Sheet

Title of the Programme: *Workshop on expense management using*
Mandaley
 Date & Time: *17 October 2025*
 Venue: *225*

Sl No	Adm No:	Student Name	Signature
1	54513	ACHU AJU	<i>Achu</i>
2	54603	AKHILA SCARIA	<i>Akhila</i>
3	54786	AKSAMOL P R	<i>Aksa</i>
4	54781	ALFI ANNA JOY	<i>Alfi</i>
5	54789	ALISHA ANIL	<i>Alisha</i>
6	54615	ALVINA IJZ JAMES	<i>Alvina</i>
7	54734	ANAGHA S	<i>Anagha</i>
8	54636	ANAKHA GIRISH	<i>Anakha</i>
9	54529	ANAKHA P S	<i>Anakha</i>
10	54849	ANAKHA SIBI	<i>Anakha</i>
11	54807	ANEENAMOL SANEESH	<i>Aneena</i>
12	54851	ANJANA JANARDHANAN	<i>a</i>
13	54869	ANJANA M R	<i>Anjana</i>
14	54780	ANU TINTU MATHEWS	<i>Anu</i>
15	54563	ANUPAMA ANIL	<i>a</i>
16	54860	APARNA BINO	<i>Aparna</i>

Page 2 of 3

Adm No:	Student Name	Signature	
7	54588	ARATHY M	<i>Arathy</i>
18	54830	ARCHANA J R	<i>a</i>
19	54597	ARCHANA S	<i>Archana</i>
20	54551	ARCHANA V S	<i>a</i>
21	54831	ARDRA U	<i>Ardra</i>
22	54552	DEVKA SAJI	<i>Devka</i>
23	54549	DIVA REJI	<i>Diva</i>
24	54614	ELEEZA CHINNU THARAKAN	<i>Eleeza</i>
25	54545	FATHIMA NEHRIN	<i>Fathima</i>
26	54611	GANGA JAYAN	<i>Ganga</i>
27	54595	GAYATHRI GOPINATH	<i>Gayathri</i>
28	54690	GIVA ELIZABETH VARGHESE	<i>Giva</i>
29	54842	IENA REJI	<i>a</i>
30	54812	KAVYA SANEESH	<i>Kavya</i>
31	54521	KUMEL SANTHOSH	<i>Kumel</i>
32	54705	MRUDULA P M	<i>a</i>
33	54528	NANDANA A	<i>Nandana</i>
34	54730	NANDANA SANAL	<i>Nandana</i>
35	54667	NANDANA SANTHOSH	<i>Nandana</i>
36	54617	NANDANA SUNIL	<i>a</i>

Page 3 of 3

Sl No	Adm No:	Student Name	Signature
37	54707	NANDHANA SURESH	<i>Nandhana</i>
38	54669	NEHA RAJU	<i>Neha</i>
39	54570	NIVYA SIIJIMON	<i>Nivya</i>
40	54737	REKHA K	<i>Rekha</i>
41	54537	SANDRA R	<i>Sandra</i>
42	54664	SIVANI MANOJ	<i>Sivani</i>
43	54782	SONA R	<i>Sona</i>
44	54838	SURVA P S	<i>a</i>
45	54808	THIRZA BABU	<i>Thirza</i>

Participants List

Report on the Session: Workshop on Digital Survey Design

Organized by: Research Development Cell & Commerce Research Cluster, BCM College Kottayam

Date: 11 December 2025

Time: 12:30 PM – 1:30 PM

Venue: Room No: 225

Resource Person: Dr. Elizabeth Johny

Assistant Professor & Head, Department of Commerce



Brochure

The Department of Commerce, BCM College, Kottayam, organized a Workshop on Digital Survey Design on 11th December 2025 at 12:30 pm in Room No. 225. The workshop was conducted with the objective of enhancing students' practical knowledge and skills in designing digital surveys for academic research and data collection.

The session was led by Ms. Elizabeth Johny, who served as the resource person for the programme. She provided comprehensive guidance on creating effective digital surveys using online platforms. The workshop focused on transforming research objectives into structured digital questionnaires and emphasized the importance of clarity, logical sequencing, and appropriate question types in survey design. During the session, the resource person explained various aspects of digital survey preparation, including selection of suitable question formats, use of rating scales, avoiding biased or misleading questions, and ensuring respondent-friendly layouts. She also demonstrated how to create online forms, manage responses efficiently, and analyse collected data in a systematic manner.

Special emphasis was given to ethical considerations in online data collection, such as maintaining confidentiality, obtaining informed consent, and ensuring data security. The hands-on approach of the workshop enabled students to gain practical experience in designing their own digital surveys. The workshop was highly interactive, with students actively engaging in discussions and clarifying their doubts. The programme proved to be

extremely beneficial, especially for final-year students working on research projects, as it provided them with practical tools and technical knowledge necessary for effective data collection. The session concluded successfully with positive feedback from participants, marking it as a valuable academic initiative by the Department of Commerce.



Dr. Elizabeth Johny interacting with students during the Workshop on Digital Survey Design.

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Bishop Chulaparambil Memorial College Kottayam
Department of Commerce - III DC B Com Finance & Taxation
Attendance Sheet

Title of the Programme: Workshop on Digital Survey
Date & Time: 11 December 2025
Venue: 225

Sl No	Adm No.	Student Name	Signature
1	54513	ACHU AJU	Achu
2	54603	AKHILA SCARIA	Akhila
3	54786	AKSAMOL P R	Aksamol
4	54781	ALFI ANNA JOY	Alfi
5	54789	ALISHA ANIL	Alisha
6	54615	ALVINA LIZ JAMES	Alvina
7	54734	ANAGHA S	Anagha
8	54636	ANAKHA GIRISH	Anakha
9	54529	ANAKHA P S	Anakha
10	54849	ANAKHA SIBI	Anakha
11	54807	ANEENAMOL SANEESH	Aneenamol
12	54851	ANJANA JANARDHANAN	Anjana
13	54869	ANJANA M R	Anjana
14	54780	ANU TINTU MATHEWS	Anu
15	54563	ANUPAMA ANIL	Anupama
16	54860	APARNA BINO	Aparna

Page 2 of 3

Sl No	Adm No.	Student Name	Signature
17	54588	ARATHY M	Arathy
18	54830	ARCHANA J R	Archana
19	54597	ARCHANA S	Archana
20	54551	ARCHANA V S	Archana
21	54831	ARDRA U	Ardra
22	54552	DEVIKA SAJI	Devika
23	54549	DIYA REJI	Diya
24	54614	ELEEZA CHINNU THARAKAN	Eleeza
25	54545	FATHIMA NEHRIN	Fathima
26	54611	GANGA JAYAN	Ganga
27	54595	GAYATHRI GOPINATH	Gayathri
28	54690	GIYA ELIZABETH VARGHESE	Giya
29	54842	JEENA REJI	Jeena
30	54812	KAVYA SANEESH	Kavya
31	54521	KUMEL SANTHOSH	Kumel
32	54705	MRUDULA P M	Mrudula
33	54528	NANDANA A	Nandana
34	54730	NANDANA SANAL	Nandana
35	54667	NANDANA SANTHOSH	Nandana
36	54617	NANDANA SUNIL	Nandana

Page 3 of 3

Sl No	Adm No.	Student Name	Signature
37	54707	NANDHANA SURESH	Nandhana
38	54669	NEHA RAJU	Neha
39	54570	NIVYA SIJIMON	Nivya
40	54737	REKHA K	Rekha
41	54537	SANDRA R	Sandra
42	54664	SIVANI MANOJ	Sivani
43	54782	SONA R	Sona
44	54838	SURYA P S	Surya
45	54808	THIRZA BABU	Thirza

Participants List

Report on the Session: Questionnaire Design: From Research Objectives to Data Collection

Organized by: Research Development Cell & Commerce Research Cluster, BCM College Kottayam

Date: 19 January 2026

Time: 12:30 PM – 1:30 PM

Venue: Room No: 225

Resource Person: Dr. Elizabeth Johny, Assistant Professor & Head, Department of Commerce



Brochure

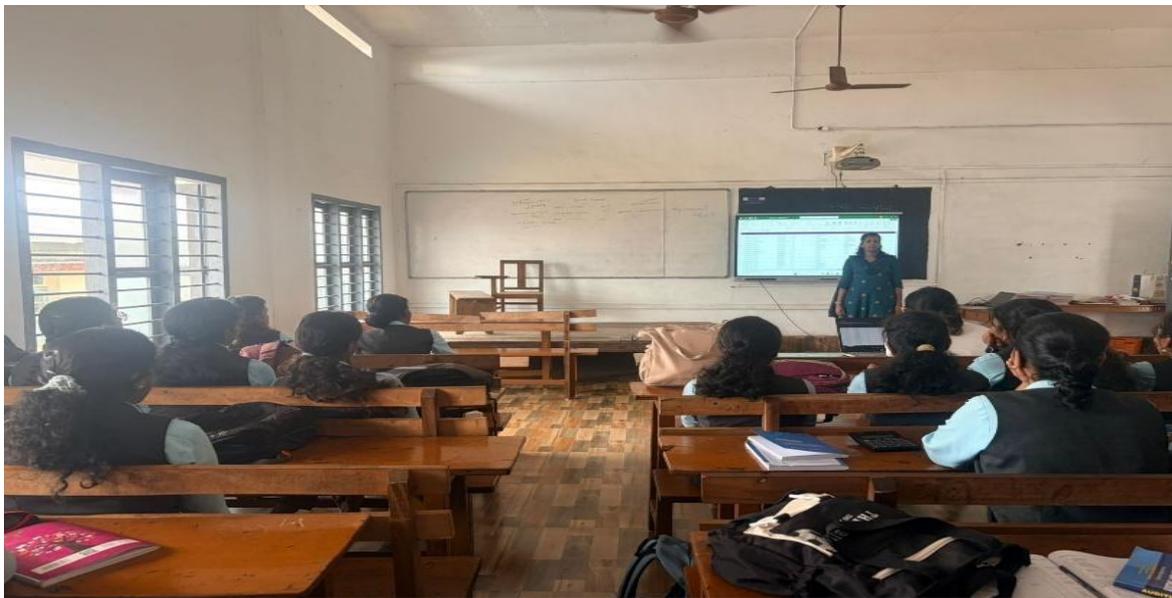
The Department of Commerce, BCM College, Kottayam, organized an insightful and academically enriching seminar on “Questionnaire Design: From Research Objectives to Data Collection” on 19th January at 12:30 pm in Room 225. The seminar aimed to equip students with practical knowledge about preparing effective questionnaires for research studies.

The session was handled by Ms. Elizabeth Johny, who delivered an informative and well-structured presentation on the process of designing a questionnaire. She began the session by explaining the importance of clearly defining research objectives before framing questions. She emphasized that a well-designed questionnaire plays a crucial role in collecting accurate, reliable, and unbiased data, which ultimately determines the success of any research project.

During the seminar, she discussed various types of questions such as open-ended and close-ended questions, multiple-choice questions, rating scale questions, and dichotomous questions. She explained how to select the appropriate type of question based on the research objective. Special attention was given to the wording of questions, sequence of questions, clarity, simplicity, and avoidance of ambiguity or leading questions. She also highlighted common mistakes researchers make while designing questionnaires and suggested practical

tips to improve quality and response rate. The speaker further explained the importance of pilot testing a questionnaire before final distribution to identify errors and improve effectiveness. She also spoke about ethical considerations in data collection, including confidentiality and informed consent of respondents. The seminar was highly interactive, with students actively participating by asking questions and sharing their research experiences. The session provided valuable guidance to final-year students who are currently working on their research projects. It helped them understand how to convert theoretical research objectives into measurable and structured questions.

The programme concluded with a vote of thanks, expressing gratitude to the resource person for her valuable contribution and to the Department of Commerce for organizing such a beneficial academic session. The seminar proved to be an enlightening experience and greatly enhanced the research skills of the students.



Dr. Elizabeth Johny interacting with students during the session on Questionnaire Design: From Research Objectives to Data Collection.

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Bishop Chulaparambil Memorial College Kottayam
Department of Commerce - III DC B Com Finance & Taxation
Attendance Sheet

Title of the Programme: *Guesthouse Framing Report*
Date & Time: *19 Jun 2025*
Venue: *228*

Sl No	Adm No:	Student Name	Signature
1	54513	ACHU AJU	<i>Achu</i>
2	54603	AKHILA SCARIA	<i>Akhila</i>
3	54786	AKSAMOL P R	<i>Aksamol</i>
4	54781	ALEI ANNA IOY	<i>Alei</i>
5	54789	ALISHA ANIL	<i>Alisha</i>
6	54615	ALVINA LIZ JAMES	<i>Alvina</i>
7	54734	ANAGHA S	<i>Anagha</i>
8	54636	ANAKHA GIRISH	<i>Anakha</i>
9	54529	ANAKHA P S	<i>Anakha</i>
10	54849	ANAKHA SIBI	<i>Anakha</i>
11	54807	ANFENAMOL SANEESH	<i>Anfenamol</i>
12	54851	ANJANA JANARDHANAN	<i>Anjana</i>
13	54869	ANJANA M R	<i>Anjana</i>
14	54780	ANU TINTU MATHEWS	<i>Anu</i>
15	54563	ANUFAMA ANIL	<i>Anufama</i>
16	54860	APARNA BINO	<i>Aparna</i>

Page 2 of 3

Sl No	Adm No:	Student Name	Signature
17	54588	ARATHY M	<i>Arathy</i>
18	54830	ARCHANA JR	<i>Archana</i>
19	54597	ARCHANA S	<i>Archana</i>
20	54551	ARCHANA V S	<i>Archana</i>
21	54831	ARDRA U	<i>Ardra</i>
22	54552	DEVIKA SAJI	<i>Devika</i>
23	54549	DIYA REJI	<i>Diya</i>
24	54614	ELEBEZA CHINNU THARAKAN	<i>Elebeza</i>
25	54545	FATHIMA NEHRIN	<i>Fathima</i>
26	54611	GANGA JAYAN	<i>Ganga</i>
27	54595	GAYATHRI GOPINATH	<i>Gayathri</i>
28	54690	GIYA ELIZABETH VARGHESE	<i>Giya</i>
29	54842	JEENA REJI	<i>Jeena</i>
30	54812	KAVYA SANEESH	<i>Kavya</i>
31	54521	KUMEL SANTHOSH	<i>Kumel</i>
32	54705	MRUDULA P M	<i>Mrudula</i>
33	54528	NANDANA A	<i>Nandana</i>
34	54730	NANDANA SANAL	<i>Nandana</i>
35	54667	NANDANA SANTHOSH	<i>Nandana</i>
36	54617	NANDANA SUNIL	<i>Nandana</i>

Page 3 of 3

Sl No	Adm No:	Student Name	Signature
37	54707	NANDHANA SURESH	<i>Nandhana</i>
38	54669	NEHA RAJU	<i>Neha</i>
39	54570	NIYYA SIJMON	<i>Niyya</i>
40	54737	REKHA K	<i>Rekha</i>
41	54537	SANDRA R	<i>Sandra</i>
42	54664	SIVANI MANOJ	<i>Sivani</i>
43	54782	SONA R	<i>Sona</i>
44	54838	SURYA P S	<i>Surya</i>
45	54808	THIRZA BABU	<i>Thirza</i>

Participants List

Report on the Session: “Empirical Data Analysis in Social Studies”

Organized by: Research Development Cell & Commerce Research Cluster, BCM College Kottayam

Date: 26 February 2026

Time: 12:30 PM – 1:30 PM

Venue: Room No: 225

Resource Person: Dr. Elizabeth Johny, Assistant Professor & Head, Department of Commerce



Brochure

The Postgraduate and Research Department of Commerce, BCM College, Kottayam, organized a Subject Enrichment Seminar on the topic “Empirical Data Analysis in Social Studies” on 26th February 2025 at 12:45 pm in Room No. 225. The seminar was conducted as part of the department’s continuous efforts to strengthen academic excellence and research competence among postgraduate students and research scholars.

The session was handled by Dr. Elizabeth Johny, Assistant Professor, who served as the resource person for the programme. She delivered an in-depth and highly informative presentation on the role of empirical data analysis in social science research. The seminar aimed to provide students with a clear understanding of how data-driven research contributes to accurate findings and meaningful conclusions in social studies.

Dr. Elizabeth Johny began the session by explaining the concept of empirical research and its relevance in modern academic inquiry. She emphasized that empirical data analysis

involves systematic observation, measurement, and interpretation of real-world data. She highlighted the importance of formulating clear research objectives, developing appropriate hypotheses, and selecting suitable research designs.

The seminar covered various aspects of data collection methods, including primary and secondary data sources, surveys, questionnaires, interviews, and observational techniques. She elaborated on sampling methods and stressed the importance of choosing representative samples to ensure the reliability and validity of research results. Special attention was given to quantitative and qualitative data analysis techniques, along with the use of statistical tools and software for interpreting research data. The resource person also discussed descriptive and inferential statistics, explaining how statistical measures such as mean, median, standard deviation, correlation, and regression are applied in social research. She clarified common doubts related to data coding, tabulation, and interpretation of results. Practical examples were provided to help students understand how empirical analysis supports evidence-based conclusions and policy recommendations.

The session was highly interactive, with students actively participating in discussions and raising queries regarding research methodology and statistical applications. The seminar provided valuable insights for postgraduate students and research scholars who are engaged in dissertation work and academic projects. It enhanced their analytical thinking, critical evaluation skills, and confidence in handling research data effectively.

The programme concluded with a vote of thanks expressing sincere gratitude to Dr. Elizabeth Johny for her enlightening and comprehensive session. Overall, the Subject Enrichment Seminar proved to be a productive academic initiative that significantly contributed to the research-oriented learning environment of the Postgraduate and Research Department of Commerce.



Dr. Elizabeth Johny interacting with students during the session on Data Analysis.

Sl No	Adm No:	Student Name	Signature
1	54513	ACHU AJU	<i>Achu</i>
2	54603	AKHILA SCARIA	<i>Ak</i>
3	54786	AKSAMOL P R	<i>AKS</i>
4	54781	ALFI ANNA JOY	<i>Alfi</i>
5	54789	ALISHA ANIL	<i>Alisha</i>
6	54615	ALVINA LIZ JAMES	<i>Alvina</i>
7	54734	ANAGHA S	<i>Anagha</i>
8	54636	ANAKHA GIRISH	<i>Anakha</i>
9	54529	ANAKHA P S	<i>Anakha</i>
10	54849	ANAKHA SIBI	<i>Anakha</i>
11	54807	ANEENAMOL SANEESH	<i>Aneenamol</i>
12	54851	ANJANA JANARDHANAN	<i>Anjana</i>
13	54869	ANJANA M R	<i>Anjana</i>
14	54780	ANU TINTU MATHEWS	<i>Anu</i>
15	54563	ANUPAMA ANIL	<i>Anupama</i>
16	54860	APARNA BINO	<i>Aparna</i>

Sl No	Adm No:	Student Name	Signature
17	54588	ARATHY M	<i>Arathy</i>
18	54830	ARCHANA JR	<i>A</i>
19	54597	ARCHANA S	<i>Archana</i>
20	54551	ARCHANA V S	<i>Archana</i>
21	54831	ARDRA U	<i>Ardra</i>
22	54552	DEVIKA SAJI	<i>Devika</i>
23	54549	DIYA REJI	<i>Diya</i>
24	54614	ELEEZA CHINNU THARAKAN	<i>E</i>
25	54545	FATHIMA NEHRIN	<i>Fathima</i>
26	54611	GANGA JAYAN	<i>Ganga</i>
27	54595	GAYATHRI GOPINATH	<i>Gayathri</i>
28	54690	GIYA ELIZABETH VARGHESE	<i>Giya</i>
29	54842	JEENA REJI	<i>Jeena</i>
30	54812	KAVYA SANEESH	<i>Kavya</i>
31	54521	KUMEL SANTHOSH	<i>Kumel</i>
32	54705	MRUDULA P M	<i>Mrudula</i>
33	54528	NANDANA A	<i>Nandana</i>
34	54730	NANDANA SANAL	<i>Nandana</i>
35	54667	NANDANA SANTHOSH	<i>Nandana</i>
36	54617	NANDANA SUNIL	<i>Nandana</i>

Sl No	Adm No:	Student Name	Signature
37	54707	NANDHANA SURESH	<i>Nandhana</i>
38	54669	NEHA RAJU	<i>Neha</i>
39	54570	NIVYA SIJIMON	<i>Nivya</i>
40	54737	REKHA K	<i>Rekha</i>
41	54537	SANDRA R	<i>Sandra</i>
42	54664	SIVANI MANOJ	<i>Sivani</i>
43	54782	SONA R	<i>Sona</i>
44	54838	SURYA P S	<i>S</i>
45	54808	THIRZA BABU	<i>Thirza</i>

Participants List

Paper Presentations by Students

Sl no	Students name	Paper title	Seminar	Publication
1	Ganga Jayan	Smart contracts and future developments: a comprehensive review of application and challenges	Berchmans National Conference	Accepted for publication at the excel international journal of technology, engineering & management
3	Ganga Jayan	Influence of greenwashing on customer loyalty- an application of dummy variable regression model	National Paper Presentation Competition- Eunoia	
4	Ganga Jayan	Impact of gst2.0 on automobile industry	National Seminar on GST Reforms: Impact on MSME, Startups, Entrepreneurship and State Governments at St Thomas College Pala	Published at international journal of research in commerce and management
5	Ganga Jayan	Adoption of digital inclusion among the elderly: an evaluation	A New Era for Elderly India: Challenges, Solutions and Future Directions at Rajagiri College	
6	Ganga Jayan	Income inequality in India	Oikonomia 2026, National Level Intercollegiate Fest	
7	Ganga Jayan	Loss of loyalty of greenwashed products- application of dummy variable regression model	Symposium And Paper Presentation Competition for UG and PG Students on Commerce in the AI Age: Reforms, Risks, Rewards and Responses	Accepted for publication as book chapter with an isbn.