

**P.G. DEPARTMENT OF COMMERCE**  
**DEVA MATHA COLLEGE, KURAVILANGAD**

**Affiliated to Mahatma Gandhi University, Kottayam**



**REPORT**  
**of**  
**ADD-ON COURSE**  
**in**  
**RESEARCH CAPABILITY ENHANCEMENT**

*(Conducted for III B.Com. students)*

**Academic Year: 2021-2022**



## **Add-on Course in Research Capability Enhancement**

Duration: 30 hours

Number of students enrolled: 49

### **SUMMARY REPORT - Research Capability Enhancement**

The Department of Commerce has offered Add-On course on Research Capability Enhancement for B.Com students of the college. 49 students participated in the programme. The duration of the course was 30 hours. The course covered basics of research formulations, data collection, tools of analysis and research writings. The course helped students to improve their soft skill.

#### **Course Objective**

This course aims to guide final year B.Com students towards achieving competence and proficiency in the theory and practice of research. This fundamental objective can be realised through helping these students to develop the subject of their research, make review on available literature, formulate objectives and questionnaire and make basic statistical analysis using software's, develop skills required in writing research reports and creating and awareness on the concept of plagiarism and proper way of citations and referencing.

#### **Syllabus**

##### **Module 1: Research Formulation and Design**

Identification and Formulation of Research Problem - Sources of research problems - Primary data study & Secondary data study – formulating title of study, objectives - preparation of synopsis- Sampling techniques & determining sample size **(4hrs)**

##### **Module 2: Data Collection and Analysis**

Review of Literature and Identification of Variables - Review & presentation of literature and linking it with research gap - variables - independent and dependent - Research Design

Designing of Data Collection Tools-Development of Questionnaire - level of measurement - types of rating scales - Likerts scale -validity-reliability (Cronbach alpha)



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Performing statistical analysis manually, Computing Mean, SD, Cross Tabulation, Mean Percentage Scores, Ranking methods- Linking analysis to variables - writing interpretation/inferences  
**(10hrs)**

### **Module 3: Tools for Data Analysis**

Tools for Data Analysis - Primary Data - Basic Statistical analysis using excel- Entering data in spss and performing basic statistical analysis

Tools for Data Analysis - Secondary Data - Basic analysis - Tools-Correlation, Regression etc.

Formulation of Hypothesis - Chi-square, t-test, ANOVA- Interpretation of results  
**(10hrs)**

### **Module 4: Referencing**

References & Bibliography - Referencing Styles - APA - Use of Referencing software's - Mendeley - Avoiding Plagiarism.  
**(3hrs)**

### **Module 5: Research report writing**

Presentation of Research Report - Preparation & Writing -Steps in report writing - Layout of research report-Style formatting for tables & Graphs-Footnotes and bibliography- Appendices - Rule for Typing the Report- Format of Preliminary pages.  
**(3hrs)**

### **Course Outcome**

- Enable students understand the different steps to be undertaken in a research work such as defining research problem, evaluating literatures, formulating questionnaire, collecting data and doing basic analysis.
- Discuss how to cite sources, using the American Psychological Association (APA) style, and justify this choice.
- Consider the kind of language to use in an academic written work and how to avoid plagiarism



### Resource Persons and Topics Taken

Sl. No	Topic	Name of Faculty engaged the session
1	Identification and Formulation of Research Problem - Sources of research problems Primary data study & Secondary data study title of study, objectives - preparation of synopsis	Jithin Joy
2	Sampling techniques & sample size References & Bibliography - Referencing Styles - APA - Use of Referencing Softwares Mendeley- Avoiding Plagiarism.	Sherin Cyriac
3	Review of Literature and Identification of Variables - Review & presentation of literature and linking it with research gap - variables independent and dependent - Research Design	Fr. Dinoy Mathew
4	Designing of Data Collection Tools-Development of Questionnaire - level of measurement - types of rating scales - Likerts scale - validity-reliability (Cronbach alpha)	Anu P Mathew
5	Tools for Data Analysis - Primary Data - Basic Statistical analysis (Manually/using excel/spss) - Mean SD, Cross Tabulation, Mean Percentage Scores, Ranking methods.. Linking analysis to variables - writing interpretation/inferences	Renny A George
6	Formulation of Hypothesis - Chi-square, t-test, ANOVA... Interpretation of results	Anish Thomas
7	Tools for Data Analysis - Secondary Data Basic analysis - Tools-Correlation, Regression etc.	Jithin Joy
8	Presentation of Research Report - Preparation & Writing -steps in report writing - Layout of research report. Style formatting for tables & Graphs- footnotes and bibliography-Appendices - Rule for Typing the Report&Preliminary pages.	Soumya Sebastian

### Mode of Evaluation

Assignments, Final Examination



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### Examination Result

Sl. No.	Class No.	Name	16/05/22 Monday 1 hour (Exam)	Mark	Grade
1	817	ABHIJITH BABU	X	70	C
2	818	ABHIRAJ P R	X	90	A
3	834	AISWARYA R	X	90	A
4	819	AKHIL M A	X	75	C
5	820	ALBIN TOMY	X	80	B
6	821	ANAND ALEX	X	98	A
7	835	ARDRA MOHAN	X	88	B
8	836	ARYAMOLVIJU	X	85	B
9	837	ASWATHY BIJU	X	98	O
10	838	ASWATHY SAJI	X	98	O
11	839	ASWATHY VIJAYAN	X	97	O
12	822	BILSON VARGHESE	X	98	O
13	840	BLESSEY MARIA KURIAN	X	97	O
14	823	DEEPU UMESH	X	97	O
15	841	DEVIKA SHIBU	X	80	B
16	824	DON TOM FRANCIS	X	ABSENT	ABSENT
17	825	GEORGE J PARAPPALLIL	ABSENT	98	O
18	826	JAIWIN THOMAS	X	98	O
19	827	JELSEN JOBY	X	95	O
20	828	JERIN JOSEPH	X	98	O
21	842	JINITTA JOY	X	95	O
22	829	JOEL P PAULOSE	X	80	B
23	843	JOSELIN JAMES	X	70	C
24	831	JOSHWIN JOHNSON	X	98	O
25	844	LISHA SHAJI	X	98	O
26	832	MANU GEORGE	X	90	A



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27	833	MIDHUN S GOPAL	X	98	O
28	845	NEENU MARY JOSE	X	98	O
29	846	NEETHU ANIL	X	95	O
30	847	NEETHU SADAN	X	98	O
31	848	RADHIKA M K	X	80	B
32	849	SANDRA S	X	92	A
33	803	ABHIRAMI T.R	X	98	O
34	804	AHALYAMOL O J	X	98	O
35	805	AISWARYA K. S	X	98	O
36	806	ALKA AJO KAMAL	X	97	O
37	807	ANGEL JOY	X	92	A
38	808	ANNA MARY JOSEPH	X	95	O
39	809	APARNA SIVAN	X	82	B
40	830	JOSEPH DALU	X	92	A
41	810	MALAVIKA BINU	X	98	O
42	811	MARIA JOSEPH	X	95	O
43	812	MEGHA SHAJI	X	92	A
44	801	NIBIN J MATHOOR	X	95	O
45	813	NITHYA MARIA THOMAS	X	98	A
46	814	RAKHI. V	X	88	B
47	815	SREELAKSHMI V.M	X	98	O
48	816	SREYA R S	X	92	A
49	802	VIMAL C.S	X	98	O







## Feedback Form of Research Capability Enhancement

Timestamp	Full Name	Designation & Institution	How do you rate the content of the add on course?	How do you rate the relevance of the topic?
5/18/2022 15:55:39	Jinita Joy	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 15:56:04	Joel P Paulose	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 15:56:18	Joselin James	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 15:56:21	Joshwin Johnson	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 15:56:49	Lisha Shaji	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 15:56:57	Manu George	III Year B.Com.	Good	Relevant
5/18/2022 15:57:02	Nitin J Mathoor	III Year B.Com.	Good	Highly Relevant
5/18/2022 15:57:19	Nithya Maria Thoma	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 15:57:51	Rakhi. V	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 15:58:30	Sreelakshmi V.M	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 16:02:30	Anand Alex	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 16:02:33	Andra Mohan	III Year B.Com.	Excellent	Relevant
5/18/2022 16:03:10	Aryamol Viju	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 16:03:26	Aswathy Biju	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 16:03:31	Aswathy Sajj	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 16:03:35	Aswathy Vijayan	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 16:03:46	Bilson Varghese	III Year B.Com.	Good	Relevant
5/18/2022 16:04:06	Biessey Maria Kurta	III Year B.Com.	Excellent	Relevant
5/18/2022 16:04:14	Deepu Umesh	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 16:04:15	Devika Shibu	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 16:04:31	Don Tom Francis	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 16:04:49	George J Parappallil	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 16:04:55	Neethu Anil	III Year B.Com.	Good	Relevant
5/18/2022 16:05:08	Neethu Sadan	III Year B.Com.	Good	Relevant
5/18/2022 16:05:41	Radhika M K	III Year B.Com.	Good	Highly Relevant
5/18/2022 16:06:38	Sandra S	III Year B.Com.	Good	Relevant
5/18/2022 16:09:36	Abhirami T.R	III Year B.Com.	Good	Relevant
5/18/2022 16:13:54	Ahalyamol O J	III Year B.Com.	Excellent	Relevant
5/18/2022 16:18:10	Midhun S Gopal	III Year B.Com.	Good	Relevant
5/18/2022 16:18:31	Neenu Mary Jose	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 16:24:20	Anna Mary Joseph	III Year B.Com.	Excellent	Relevant
5/18/2022 16:39:50	Aparna Sivan	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 18:21:26	Joseph Dalu	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 18:56:51	Malavika Binu	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 18:59:00	Maria Joseph	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 18:59:31	Megha Shaji	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 21:20:13	Jaiwin Thomas	III Year B.Com.	Excellent	Relevant
5/18/2022 21:20:13	Aiswarya K. S	III Year B.Com.	Excellent	Relevant
5/18/2022 21:32:13	Aika Ajo Kamal	III Year B.Com.	Good	Highly Relevant
5/18/2022 21:35:13	Angel Joy	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 21:40:13	Sreya R S	III Year B.Com.	Excellent	Relevant
5/18/2022 21:46:13	Vimal C.S	III Year B.Com.	Good	Highly Relevant
5/18/2022 22:01:13	Jelsen Joby	III Year B.Com.	Good	Relevant
5/18/2022 22:15:13	Jerin Joseph	III Year B.Com.	Excellent	Highly Relevant
5/18/2022 22:20:13	Abhijith Babu	III Year B.Com.	Excellent	Relevant
5/18/2022 22:28:13	Abhiraj P R	III Year B.Com.	Excellent	Relevant
5/18/2022 22:30:13	Aiswarya R	III Year B.Com.	Good	Highly Relevant

5/18/2022 22:35:13 ANH M.A.  
5/18/2022 22:35:13 Abhin Tomy

III Year B.Com. Excellent  
III Year B.Com. Good

Relevant  
Highly Relevant



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## CERTIFICATE

 **P.G DEPARTMENT OF COMMERCE  
DEVA MATHA COLLEGE KURAVILANGAD**  
NAAC Re-Accredited with 'A' Grade  
Affiliated to Mahatma Gandhi University, Kottayam

*Certificate*

This is to certify that

B.Com Student, Deva Matha College, Kuravilangad  
has successfully completed the Add-on Course titled: Research Capability Enhancement  
conducted by P.G. Department of Commerce, Deva Matha College, Kuravilangad during the  
academic year 2021-22.



31.03.2022  
Kuravilangad



Mr Anish Thomas  
Head of the Department

Ms Sherin Cyriac  
Co-ordinator



*Brincy Mathew*

*Anish Mathew*  
Principal  
Deva Matha College  
Kuravilangad - 686 633

Dr. Brincy Mathew  
Add-on Course General Co-Ordinator