



SRI BALAJI VIDYAPEETH (SBV)

(Deemed to be University)

U/S 3 of UGC Act 1956

Puducherry-607402

This document contains the details of the
Certificate course on Research Methodology,
conducted by Kasturba Gandhi Nursing College,
Sri Balaji Vidyapeeth, Deemed to be University.


REGISTRAR
SRI BALAJI VIDYAPEETH
(Deemed University u/s 3 of UGC ACT, 1956)
Accredited by NAAC with 'A' Grade
Pillaiyarkuppam, Pondicherry-607 402.

(This document is attested from pages 1- 12)

NAAC 2020



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Criteria 1

Metrix 1.3 : Curriculum Enrichment

1.3.2

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Details of Certificate course in Research Methodology

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KASTURBA GANDHI NURSING COLLEGE
SRI BALAJI VIDYAPEETH, MGMCRI CAMPUS
Pillaiyarkuppam, Pondicherry- 607 403

Certificate Course in Research

Methodology

Course Content



**KASTURBA GANDHI NURSING COLLEGE
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Research is a structured enquiry that utilizes acceptable scientific methodology to solve problems and create new knowledge that is generally applicable. Research Statement specifies exactly what is being studied. It indicates the need of the study through development of argument. Research Question is a direct rewording of the statement of the problem phrased in interrogative manner. It help to guide the type of data to be collected in the study.

Topics :

- 1.Sources of Research problems
 - Personal experience,
 - Social issues,
 - Ideas from external sources,
 - Experience and clinical fieldwork,
 - Nursing literature,
 - Theory &
 - Previous research studies.
- 2.Points to remember to select a research problem
- 3.Steps in defining research problems
- 4.Writing the statement of the research problem
- 5.Characteristics of research problem
- 6.Interrogative Means of Stating the Problem Statement
- 7.How to state objectives
- 8.Types of Variables:
- 9.Hypothesis
- 10.Types of hypothesis:
 1. Simple or complex hypothesis
 2. Research hypothesis.
 - Directional Hypothesis
 - Non-directional Hypothesis
 - Null Hypothesis
- 11.Advantages of hypotheses



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Literature Search & writing references

Literature is books and writings published on a particular subject. In our context, literature = Scientific literature; published scientific material that can be used as references. A systematic and thorough search of all types of published literature, identify as many items as possible that are relevant to a particular topic.

- + What are the types of literature?
- + Types of literature media
 - Printed format: Printed textbooks, journals
 - Electronic media: Internet
- + Role of the central / departmental library
- + Pubmed search (using boolean operators)
- + Writing reference
- + Types of references
 - Journal Reference
 - Book Reference
 - Internet Reference
 - Others
- + Types of referencing
- + Instruction to authors.. Ijp
- + Reference management software

Research Designs

The research designs are about to explore about the varies sequence, designs and bias and other critical aspects of the the research.

- + Lesson plan



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- + Epidemiological methods
- + Study Designs
- + Study Design Sequence
- + Case Reports
- + Case Series
- + Descriptive epidemiology
 - Defining the population
 - Defining the disease under study
 - Describing disease by time, place and person
- + Place distributions/ Geographical comparisons
- + Analytical epidemiology
- + Ecological study
- + Case control study
- + Basic steps in case control study
 - Selection of cases and controls
 - Matching
 - Measurement of exposure
 - Analysis and Interpretation
- + Objectives of cohort study
- + Types of cohort study
- + Experimental epidemiology
- + Population attributable risk
- + Bias

The students are exposed to research methodology and analyzed after the topics are covered and are made sure that they have a brief understanding towards research. The main objective of this course is to familiarise the students to research and encourage them to involve in more research activities. After every topic is covered a panel discussion or a two way interaction session was held to clear the concepts to the students and a better way of understanding.



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Certificate Course on Research Methodology

Internal Quality Assurance Cell (IQAC) & Research Club of Kasturba Gandhi Nursing College organized a state level seminar on Updates in Research Methodology on 25th and 26th April 2018 at Ground Floor, Lecture Hall, MGMCRI. The Enlightening Programme commenced from 8.a.m with the first presentation by Prof. M.Annie Annal, HOD, Department of OBG Nursing who deliberated on Research Overview with suitable examples.

Followed by first speaker, the Inaugural Ceremony take up at 9.00am. A welcome address was bestowed by Prof. M.Annie Annal, HOD, Department of OBG Nursing, KGNC, Dr. Renuka K, Dean, Faculty of Nursing Sciences, SBV rendered the Presidential Address followed by, Prof. Dr.N. Seetharaman, HOD, Dept.of Community Medicine, MGMCRI who gave the special address on the seminar overview. The Inaugural Ceremony came to an end with Vote of Thanks by Mrs.Rajeswari.S, Asso.Prof, Department of Child Health Nursing, KGNC.

The second session was continued. Dr.A.N.Uma, Vice-Principal. Faculty of Allied Health Sciences, SBV gave a devastating presentation on "Guidelines for writing Review of Literature". After a short tea break, the third session continued by Mrs.Geetha.C, Asso. Professor, Department of Child Health Nursing, KGNC delivered the presentation on Applying Conceptual Framework in Nursing Research.

This document is attested from pages 1-6

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Dr.Sasi.V, HOD, Dept. of Child Health Nursing, Vinayaka Mission's College of Nursing, Kirumampakkam, Puducherry gave a detailed view on the topic "Research Methods & Designs" following that Dr. Jeyagowri Subash, Principal, College of Nursing, East Coast Institute of Medical Sciences, Puducherry elaborated on "Updates in Sampling and Randomization Techniques".

Post-Lunch sessions commenced by 2:00pm. Dr.Surekha.A, Asst.Professor, Dept of Community Medicine, MGMCRI deliberated on "Research Tools", which was highly informative. Dr.Ezhumalai G, Sr.Statistician & Research Consultant, SBV projected on the topic, "Planning for Data Analysis" which was created interest on statistics. Dr.Renuka K, Principal, KGNC explored on the topic "Manuscript Writing" which was thought provoking session. There were 160 numbers of delegates attended the Seminar.The Programme came to an end with a high tea.

[Handwritten signature]
26/4/18

ORGANIZING SECRETARY

[Handwritten signature]
26/4/18

ORGANIZING CHAIRPERSON

[Handwritten signature]

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KASTURBA GANDHI NURSING COLLEGE
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RESEARCH METHODOLOGY

Certificate

This is to certify that

Mr. / Ms. /.....had

participated in Certificate Course in Research Methodology held on.....

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Dr. Renuka K
Organizing Chairperson

Prof. Rajeswari S
Organizing Secretary

Prof. Annie Annal M
Research Club Co-ordinator

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KASTURBA GANDHI NURSING COLLEGE
Sri Balaji Vidyapeeth, SBV CAMPUS



RESEARCH METHODOLOGY 2017

Enrolled list of participants

B.SC(N)

S.NO	NAME OF THE STUDENTS
1.	Angalapriyan
2.	Ajo
3.	Akshaya
4.	Anupriya
5.	Arvindkumar
6.	Arockiya Nirmala Mary
7.	Arthi
8.	Aruna Shyamala
9.	Asha
10.	Asha
11.	Bairavi
12.	Balaji
13.	Chandralekha
14.	Devanayaki
15.	Dharani
16.	Dhivya
17.	Divya
18.	Dhivyabharathi
19.	Girija
20.	Gowdham
21.	Jagadeeswari
22.	Jamuna
23.	Jaya Pradha
24.	Jayapriyanjali
25.	Jeevitha
26.	Kamala
27.	Kamalraj
28.	Kanimozhi
29.	Karthigaj
30.	Karthiga
31.	Kavitha
32.	Keerthana
33.	Keerthana
34.	Keerthana
35.	Keerthiga
	Kowsalya E

37.	Madhumitha
38.	Mahalakshmi
39.	Manibharathi
40.	Mogapraban
41.	Monisha
42.	Monisha
43.	Muthu Kumaran
44.	Nancypraveena
45.	Nirmal
46.	Nirmala
47.	Nivedha
48.	Nivetha
49.	Noor Mohamed Sha
50.	Padmavathi
51.	Parameswari
52.	Pavithra
53.	Pavithra
54.	Pavithira
55.	Prathiba
56.	Praveenkumar
57.	Preetha
58.	Preethi
59.	Prema
60.	Prithika
61.	Prithivraj
62.	Priyadharshini
63.	Priyadharshini
64.	Priyanka
65.	Pujaa
66.	Purushothaman
67.	Ragasudha
68.	Ragavi
69.	Rajagopal
70.	Rajasri
71.	Rajeswari
72.	Ramyra
73.	Ravindren
74.	Rizwana Banu
75.	Rubashree
76.	Sadhana
77.	Sangeetha
78.	Sankari
79.	Santhia
80.	Santhiya
81.	Santhosh
82.	Sathya

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83.	Savitha
84.	Seena
85.	Sharmila
86.	Srividhya
87.	Subashree
88.	Sudharsan
89.	Sudhandira
90.	Suganthi
91.	Suganthi
92.	Suganya
93.	Sugilda Avril
94.	Sundarambal
95.	Suruthi
96.	Swathi
97.	Thamizhselvi
98.	Thebural
99.	Udhaya Nela
100.	Yogapriya

M.SC (N)

Sl.	NAMES	UIN NO
1.	Kayalvizhi V(OBG)	1703031001
2.	Rajaveni P(OBG)	1703031002
3.	Sowmiya V(OBG)	1703031003
4.	Srimathi K(OBG)	1703031004
5.	Bindu Arokia Amali J (Child H N)	1703032001
6.	Kulanthanie A(Child H N)	1703032002
7.	Nithyapriya R(Child H N)	1703032003
8.	Ishrath Fathima I(MSN)	1703034001
9.	Sribharathy J(MSN)	1703034002
10.	Deepika K(MHN)	1703035001
11.	Dheepa V(MHN)	1703035002
12.	Dhivya R(MHN)	1703035003
13.	Subbiah Sathiyakani(MHN)	1703035004