



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.

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

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


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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

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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

THEME: UNDERSTANDING RESEARCH METHODOLOGY-BASIC TO ADVANCED

DATE :06.07.2017& 07.07.2017

VENUE : GROUND FLOOR LECTURE HALL,MGMCRI

The State level symposium on "Understanding Research Methodology-Basic To Advanced" organized by Research unit of Kasturba Gandhi Nursing College was held on 6th and 7th July 2017. The registration of the symposium started by 8:00 Am .The total number of registration was 210 (Students of III Year B.Sc Nursing ,IV Year B.Sc Nursing and I Year M.Sc Nursing).The first session of symposium started at 8.30 Am by **Prof.N. Seetharaman** ,Head of the department, Community Medicine ,MGMC&RI. He deliberated on "**Review of Revelant literature**".

Then the inauguration began with college anthem at 10.00Am. Welcome address was given by **Mrs.Sherin Nithya** Asst.Professor, KGNC followed by felicitation of **Prof. N.Seetharaman**,Head of the Deparment, Community Medicine ,MGMC&RI.

The inaugural address was given by Vice Chancellor **Prof. K.R.Sethuraman** SBV, then Vote of thanks was delivered by **Mrs.Geetha.C**, Associate Professor Department of Child health Nursing, KGNC.

The scientific session began at 9.45 Am .**Mrs. Kripa Angeline** Associate Professor, KGNC presented in detail on" **Essentials of Nursing Research**". "**Understanding Research Approach and Design**" was briefly delivered by **Dr.R.Lakshmi.R**, Assistant Professor,JIPMER,Pondicherry.

The post lunch session started with elaborate and interesting presentation of **Dr.Pruthu Gowda.T.K**, Assistant Professor, Department of Community Medicine, MGMC&RI on "**Sampling technique and sampling size calculation**".

The last session was made more interesting by **Dr. Renuka K** Dean, Faculty of Nursing Sciences, SBV. She presented on "**Conceptual framework in Nursing Research**". The first day session came to an end by 5:00 Pm.

This document is attested from pages 1-6

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The second day of the symposium started at 8:00 Am with deliberation on “**Data Collection Method**” by **Prof. Sumathy** ,Vice Principal,KGNC, followed by Prof.Annie Annal,HOD, Department of Obstetrics and Gynecology ,KGNC.

She presented on “**Tools for measurement and its essentials**. The final presentation of the symposium was by **Mrs.Geetha.C**, Associate Professor ,KGNC on “**Communication and Utilization of Research outcome**”.

The symposium came to an end at 5.00pm with certificate distribution to the participants and feedback collection.

ORGANIZING SECRETARY

Sumathy
9/7/17
PRINCIPAL

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Certificate course on RESEARCH METHODOLOGY

Certificate

This is to certify that

Mr. / Ms. / had

participated in the 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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Enrolled list of students for Certificate course on Research Methodology for the year 2016-2017

S.NO	NAME OF THE STUDENTS
1.	Aarthi
2.	Aarthy
3.	Abinaya
4.	Anitha
5.	Anusuratha
6.	Aravind
7.	Aripriya
8.	Arun Kumar
9.	Arunraj
10.	Aravinthraj
11.	Ayana
12.	Banumathy
13.	Banupriya
14.	Bharathi
15.	Bhavani
16.	Bhavithiran
17.	Buveswari
18.	Dhivya
19.	Dhivyabharathi
20.	Dhivya
21.	Ezhilanandhi
22.	Gomathy
23.	Hemachandiran
24.	Jayasurya
25.	Joanofarc
26.	Jyothi Swarupa
27.	Kalaimathy
28.	Karthiga
29.	Karthikesh
30.	Kathiravan
31.	Kavinila
32.	Kaviya
33.	Kiruthika
34.	Komathi
35.	Lakshmi
36.	Lakshmi

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38.	Lavanya
39.	Lekha
40.	Madhavan
41.	Mahalakshmi
42.	Malathi
43.	Manikandan
44.	Maria Martin
45.	Mary Catherin
46.	Mohamed Mahadeer
47.	Mohana
48.	Mohana Krishnan
49.	Mubinisha
50.	Muhamed Hashic
51.	Muralidharan
52.	Nandacumar
53.	Nandhini
54.	Narmadha
55.	Nesapriyan
56.	Nithiya
57.	Nivetha
58.	Padmavathy
59.	Palanivelrajan
60.	Patchimalla
61.	Pavithabharathy
62.	Pragatheeswari
63.	Pragatheeswaran
64.	Praveen
65.	Praveen Raj
66.	Premalatha
67.	Priyanka
68.	Punithambigai
69.	Rajam
70.	Rajaprasanna
71.	Rajeswari
72.	Ramya
73.	Ramya
74.	Ranjani
75.	Rohitha
76.	Sangeetha
77.	Sankari
78.	Sarumathy
79.	Sivaneswari
80.	Siva Priya
81.	Sivapriya
82.	Siyamala

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84.	Soundarya
85.	Srilekha
86.	Sumithra
87.	Surudhi
88.	Tamilarasi
89.	Thamizharasi
90.	Thamizhmathi
91.	Thenmozhi
92.	Thenmozhi
93.	Thiruvallarselvi
94.	Vasanthi
95.	Vazhumuny
96.	Vibitha
97.	Vijayalakshmi
98.	Vishnupriya
99.	Yamuna
100.	Yuvarani

M.SC (N)

S.No	STUDENTS NAME
1	Amal Suzanne .Y(OBG)
2	Nivetha.G(OBG)
3	Nandhini.D(OBG)
4	Vanitha.N(OBG)
5	Priyalatha.G(CHN)
6	Vishnupriya.D(CHN)
7	Jasmine Sentamilselvi.C(CHN)
8	Chandralekha.S(CHN)
9	Keerthiga.V(CHN)
10	Mahesh.S(MHN)
11	Haridass.V(MHN)
12	Hena Chandran(MHN)
13	Suganya.T(MHN)
14	Suganya.K(MHN)
15	Surendran.S.R(MHN)
16	Parameswar.P(CHN)

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[Signature]
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