



Islamiah Womens Arts & Science College

Recognized by UGC section 2(f) and 12(b) of the UGC Act 1956

Permanently Affiliated with Thiruvalluvar University &

approved by the Govt of Tamilnadu

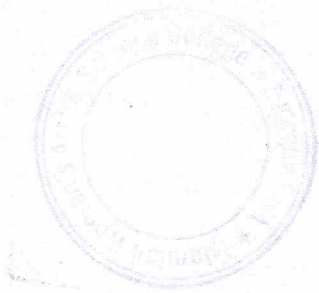
Accredited by NAAC with B Grade

HANDS ON

TRAINING PROGAM

ANALYSIS

USING IBM SPS



Date: 12/05/2022

From

Dr. P. Kavitha
Assistant Professor
PG and Research Department of Commerce
Islamiah Women's Arts and Science College
Vaniyambadi - 635 752.

To

The Secretary and Correspondent
Islamiah Women's Arts and Science College
Vaniyambadi - 635 752.

Through

The Principal
Islamiah Women's Arts and Science College
Vaniyambadi-635 752.

Respected Sir,

Sub: A requisition for the permission to organize Department Best Practice – Hands on training for data analysis using SPSS –Reg...

I would like to inform you sir that the commerce department wish to organize Hands on Training Program for data analysis using SPSS as department best practice from 16/05/2022 to 31/05/2022. This training program will be held from 1.30 pm to 2.40 pm in working days. The theory classes will be conducted in the Seminar hall but Practical classes will be held in English Language Lab of our college. This training will be given totally for 185 students from UG,PG and M. Phil of the department.

Dr .P. Kavitha, Assistant Professor of the PG and Research Department of Commerce will train the students. I have attended many SPSS and AMOS Classes and also doing data analysis for Research work. This training program will be very much useful for our students to do projects, write articles , to do research work and to pursue higher studies. Also I like to inform you sir that the materials and E-certificate will be provided to all the participants.

Therefore, I kindly request you to grant the permission for the same.

Thanking you

Yours Faithfully

P. Kavitha
Signature

(Dr. P. KAVITHA)

Principal

Islamiah Women's Arts and Science College
Vaniyambadi - 635 752.



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secretary's
for Director
12/5/22

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12/5/22



Islamiah Women's Arts and Science College

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Maintained & Managed by The Vaniyambadi Muslim Educational Society)

10, Bye-Pass Road, New Town, Vaniyambadi - 635 752, Tirupattur District, Tamilnadu.


Telefax : +91 4174 - 235 266 e-mail : principaliwc@gmail.com

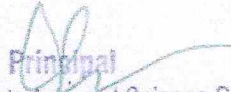
Date: 13/05/2022

Circular

This is informed to all the faculties that PG and Research Department of Commerce organizes "Hands on Training for Data Analysis using IBM SPSS from 16/05/2022 to 16/06/2022. This training program will be held from 1.30pm to 2.40 pm during working days at Seminar Hall and English Language Lab. The Materials, Software(Trial Version Link) and E-certificate will be provided to all the participants. All the students belonging to commerce Department requested to participate in the training program and utilize the golden opportunities.

By Order


PRINCIPAL
(Dr.M.RENU)


Principal
Islamiah Women's Arts and Science College
Vaniyambadi - 635 752.

Copy to

(i) Secretary and Correspondent

(ii) Advisor Sir

(iii) Heads of the Department



ISLAMIAH WOMEN'S ARTS AND SCIENCE COLLEGE
TEACHING STAFF LIST -2021-22

Sl.No.	Name of the Staff	Signature
1	Dr. M.Renu	
2	Dr. Aarifa Basheer	
3	Dr. M. Sumathi (Tamil)	
4	Ms. E. Mala	
5	Ms. T.Anuradha	
6	Ms. M. Najmun	
7	Ms. A. Hajira Begum	
8	Ms. M. Dilshath	
9	Mrs. K.Nadira Begum (Urdu)	
10	Mrs. S.G. Anisa Begum	
11	Ms. Fouzia Habeeb	
12	Ms. Kareemunnisa	
13	Mrs.A.Meenaz Banu (English)	
14	Dr. C.Deepa	
15	Ms. E. Shobana	
16	Ms. S.Kanimozhi	
17	Ms. D.Lakshmi	
18	Ms. Naziya Tasneem M.S	
19	Ms.M. Arshiya Tarannum	
20	Ms. N.Kalai Selvi	
21	Ms. M.Sharmila Begum	
22	Ms.K. Priya	
23	Ms.L.Sudhamani	
24	Ms. B.S. Uzma Usmani	
25	Ms. A. Rayisa Banu	
26	Ms. Akifa Parveen	
27	Ms. D.Usha	
28	Ms. Nahida Begum.A	
29	Ms. Ramsha Quadsiya.I	
30	Ms. Madiha Suman	
31	Dr. M.Eswari (NUT)	
32	Ms.A.Rajalakshmi	
33	Ms.Suganeshwari.G	



24	Ms. Qumatul Aein .J	
25	Ms. Misha Shabnam. S. T	
26	Ms. A. Anu	
27	Miss. S. Aruna (Bio)	
28	Mrs. D. Sudha	
29	Dr. M. Suganya	
30	Ms. Geetha	M. Suganya.
31	Ms. Unalza Usmani B.S	S. Geetha
32	Ms. Nithyalakshmi	
33	Ms. P. Ramya (Chem)	M. Nithyalakshmi
34	Ms. Thilagavathi.J	P. Ramya
35	Ms. J. Lekha	J. Lekha
36	Ms. Mary Indhumathi.K	Mary Indhumathi.K
37	Ms. R. Malathi	R. Malathi
38	Ms. S. Naga Sudha (IDD)	S. Naga Sudha
39	Ms. D. Anandhi	D. Anandhi
40	Ms. V. Sathya	V. Sathya
41	Ms. S. Kanimozhi	S. Kanimozhi
42	Ms. N. Kalpana (Zoology)	N. Kalpana
43	Ms. A. Ragamathbee.	A. Ragamathbee
44	Dr. C. Sandhya	C. Sandhya
45	Ms. T. Aruna B.C.A & BSc. (C.S)	T. Aruna
46	Ms. Sharmila .G	Sharmila .G
47	Ms. Salma.A	Salma.A
48	Ms. C. Firza Aftreen	C. Firza Aftreen
49	Ms. Nivetha.P	Nivetha.P
50	Ms. Yasmeen.C	Yasmeen.C
51	Ms. Shabeena Begum.S	Shabeena Begum.S
52	Ms. Aasifa Kouser .A	Aasifa Kouser .A
53	Ms. Afeeya.J	Afeeya.J
54	Ms. J. Jayadurga	J. Jayadurga
55	Ms. C. Ranjitha	C. Ranjitha
56	Ms. Veronika.K	Veronika.K
57	Ms. Nilofar Banu.S	Nilofar Banu.S
58	Ms. D. Priya Kumari	D. Priya Kumari
59	Mrs. L. Jagdeeswari (Maths)	L. Jagdeeswari
60	Ms. A. Hemavathy	A. Hemavathy



71	Ms. M. Uma	
72	Ms. Shaziya Sugulain.N	M.V.C
73	Mrs. H.M.Tanveera Sultana	
74	Ms.P.Vijayalakshmi	
75	Ms.P.Annapoorani	P. Annapoorani
76	Ms. G. Sumathi	P. Sumathi
77	Ms. I.Hajera Banu	
78	Ms. M. Yamuna	
79	Ms. G.Priyanga	M. Priyanga
80	Dr. P.Kavitha (Commerce)	P. Kavitha
81	Ms. S.Deepalakshmi	P. Deepalakshmi
82	Ms. T. Poongothai	T. Poongothai
83	Ms. D.Mahalakshmi	D. Mahalakshmi
84	Ms. Sathiyaneela. S.P	S. Sathiyaneela
85	Ms. Thenmozhi.P	Thenmozhi.P
86	Dr. K.Indra (B.B.A)	K. Indra
87	Ms.D.Nithya	D. Nithya
88	Ms. Pramila.S	P. Pramila
89	Dr. Sadiya Sarvath.M	S. Sadiya
90	Ms. D.Archana	D. Archana
91	Dr.B.Manjula (Commerce C.A)	B. Manjula
92	Mrs. P.Umadevi	P. Umadevi
93	Ms.B.Brindha	B. Brindha
94	Ms. R. Sandhya	R. Sandhya
95	Ms. R. Renuka	R. Renuka
96	Ms. V.Nayara Banu (Physical Education)	V. Nayara Banu



All Are Cordially
Invited



DATE: 16/05/2022
to 16/06/2022

TIME: 1.30 pm TO
2.40 PM



ISLAMIYAH WOMEN'S ARTS AND
SCIENCE COLLEGE, VANIAMBADI

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Tamil Nadu. 635752.

PG and Research Department of Commerce
Organizes

HANDS ON TRAINING PROGRAM FOR DATA
ANALYSIS USING IBM SPSS

TRAINER



Dr. P. KAVITHA, M.Com., M.Phil., M.B.A., M.Com(CA), Ph.D., SET.

ASSISTANT PROFESSOR, PG AND RESEARCH
DEPARTMENT OF COMMERCE,

ISLAMIYAH WOMEN'S ARTS AND SCIENCE
COLLEGE, VANIAMBADI

Mr. C. KHAISER AHMED

Secretary & Correspondent

Dr. M. RENU

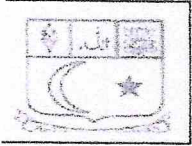
Principal

Dr. P. KAVITHA

Trainer &
Convener

Principal

Islamiyah Women's Arts and Science College
Vaniyambadi - 635 752.



**ISLAMIAH WOMEN'S ARTS AND SCIENCE COLLEGE,
VANIYAMBADI**

PG AND RESEARCH DEPARTMENT OF COMMERCE

HANDS ON TRAINING PROGRAM FOR DATA ANALYSIS USING IBM SPSS

DATE: FROM 16/05/2022 TO 16/06/2022

Syllabus

Unit-I

Introduction to Statistics: Meaning of statistics-Mean, Median, Mode, types of frequency distributions-Normal distribution- Need of Statistics. Application of statistics in research.

Unit-II

Introduction to SPSS: Introduction to IBM SPSS – SPSS Variable view Screen - SPSS Data view screen - SPSS Main menu - Data Editor tool Bar - Getting data in and out- Levels of Measurements-Nominal , ordinal and scale measurements.

Unit III

Entering variable, Data and validating data-Working with data and variables-Creating basic Graphs and charts-Printing data view, variable view, out put viewer screen- Reliability and Validity Test-Basic descriptive statistics - Sorting Data - Totaling data-Mathematical function in SPSS - One sample T test- Binomial T test- Independent Sample T test - Paired sample T test- Interpretation of analysis-writing analysis.

Unit IV

Simple Correlation – Bi variate correlation -Multiple correlation - Interpretation of analysis-writing analysis - Single Linear Regression-Multiple Linear regression - Interpretation of analysis-writing analysis - Chi-Square Goodness of Fit-Chi – Square Test of Independence Interpretation of analysis-writing analysis.



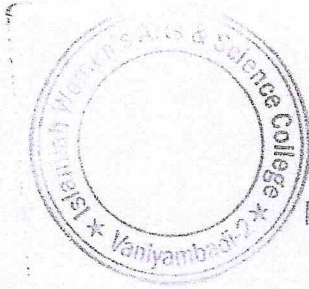
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Unit -v

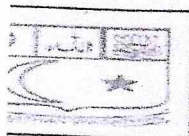
One way ANOVA-ANCOVA-MANOVA- Interpretation of analysis - writing analysis -
Factor analysis-Assumptions-validity-Communalities-Eigen values-Rotated Matrix-
Interpretation of Factor analysis-writing analysis-Introduction to AMOS.

prepared & submitted
by
P. Kavitha
(Dr. P. Kavitha)



Principal
Islamiah Women's Arts and Science College
Vaniyambadi - 635 752.

ISLAMIAH WOMEN'S ARTS AND SCIENCE COLLEGE, VANIYAMBADI



PG and Research Department of Commerce

Hands on Training Program for Data Analysis Using IBM SPSS

From 16/05/2022 To 16/06/2022

Course Content

Date	Class taken	Time
16/05/2022	Introduction to Statistics: Meaning of statistics-Mean, Median, Mode, Reliability and validity test -types of frequency distributions	1.30 pm to 2.30pm
17/05/2022	Normal distribution- Need of Statistics. Application of statistics in research.	1.30 pm to 2.30pm
18/05/2022	Introduction to SPSS: Introduction to IBM SPSS – SPSS Variable view Screen - SPSS Data view screen	1.30 pm to 2.30pm
19/05/2022	SPSS Main menu - Data Editor tool Bar - Getting data in and out	1.30 pm to 2.30pm
20/05/2022	Levels of Measurements-Nominal , ordinal and scale measurements.	1.30 pm to 2.30pm
23/05/2022	Entering variable, Data and validating data-Working with data and variables.	1.30 pm to 2.30pm
24/05/2022	Creating basic Graphs and charts-Printing data view, variable view, out put viewer screen	1.30 pm to 2.30pm
25/05/2022	Basic descriptive statistics - Sorting Data - Totaling data-Mathematical function in SPSS	1.30 pm to 2.30pm
26/05/2022	One sample T test- Interpretation of analysis-writing analysis.	1.30 pm to 2.30pm

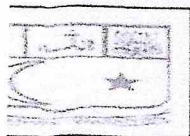


Handwritten signature of the Principal

Principal

Islamiah Women's Arts and Science College
Vaniyambadi - 635 752.

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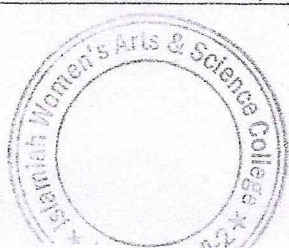
PG and Research Department of Commerce


Hands on Training Program for Data Analysis Using IBM SPSS

From 16/05/2022 To 16/06/2022

Course Content

17/05/2022	Binomial T test- Interpretation of analysis-writing analysis.	1.30 pm to 2.30pm
30/05/2022	Independent Sample T test - Interpretation of analysis-writing analysis.	1.30 pm to 2.30pm
31/05/2022	Paired sample T test- Interpretation of analysis-writing analysis.	1.30 pm to 2.30pm
01/06/2022	Simple Correlation Interpretation of analysis-writing analysis	1.30 pm to 2.30pm
29/05/2022	Bivariate correlation- Interpretation of analysis-writing analysis	1.30 pm to 2.30pm
30/05/2022	Multiple correlation - Interpretation of analysis-writing analysis	1.30 pm to 2.30pm
31/05/2022	Single Linear Regression- Interpretation of analysis-writing analysis	1.30 pm to 2.30pm
1/6/2022	Multiple Linear regression -Interpretation of analysis-writing analysis	1.30 pm to 2.30pm
2/06/2022	Chi-Square Goodness of Fit- Interpretation of analysis-writing analysis	1.30 pm to 2.30pm
3/06/2022	Chi – Square Test of Independence- Interpretation of analysis-writing analysis.	1.30 pm to 2.30pm
4/06/2022	One way ANOVA-ANCOVA-MANOVA- Interpretation of analysis - writing analysis	1.30 pm to 2.30pm




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PG and Research Department of Commerce

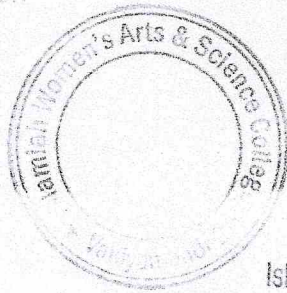
Hands on Training Program for Data Analysis Using IBM SPSS

From 16/05/2022 To 16/06/2022

Course Content

6/06/2022	MANOVA- Interpretation of analysis - writing analysis	1.30 pm to 2.30pm
7/06/2022	Factor analysis-Assumptions-validity-communalities-Eigen values-Rotated Matrix- Interpretation of Factor analysis-writing analysis-Introduction to AMOS. Interpretation of Factor analysis-writing analysis- Introduction to AMOS.	1.30 pm to 2.30pm
09/06/2022	SPSS Practical for I B.com & II B.com	1.30 pm to 2.30pm
10/06/2022	SPSS Practical for I B.com & II B.com	1.30 pm to 2.30pm
11/06/2022	SPSS Practical for III B.com and M. Phil	1.30 pm to 2.30pm
13/06/2022	SPSS Practical for III B.com and M. Phil	1.30 pm to 2.30pm
14/06/2022	SPSS Practical for I M.com AND II M.com	1.30 pm to 2.30pm
15/06/2022	SPSS Practical for I M.com AND II M.com	1.30 pm to 2.30pm
16/06/2022	SPSS Practical for I M.com AND II M.com	1.30 pm to 2.30pm

submitted by
P. Kanika
CDS - P. Kanika



Principal
Islamiah Women's Arts and Science College
Vaniyambadi - 635 752.



GPS Map Camera

Vaniyambadi, Tamil Nadu, India
MJHF+9W5, New Town, Vaniyambadi, Tamil Nadu 635751, India
Lat 12.678364°
Long 78.624871°
07/07/22 02:24 PM



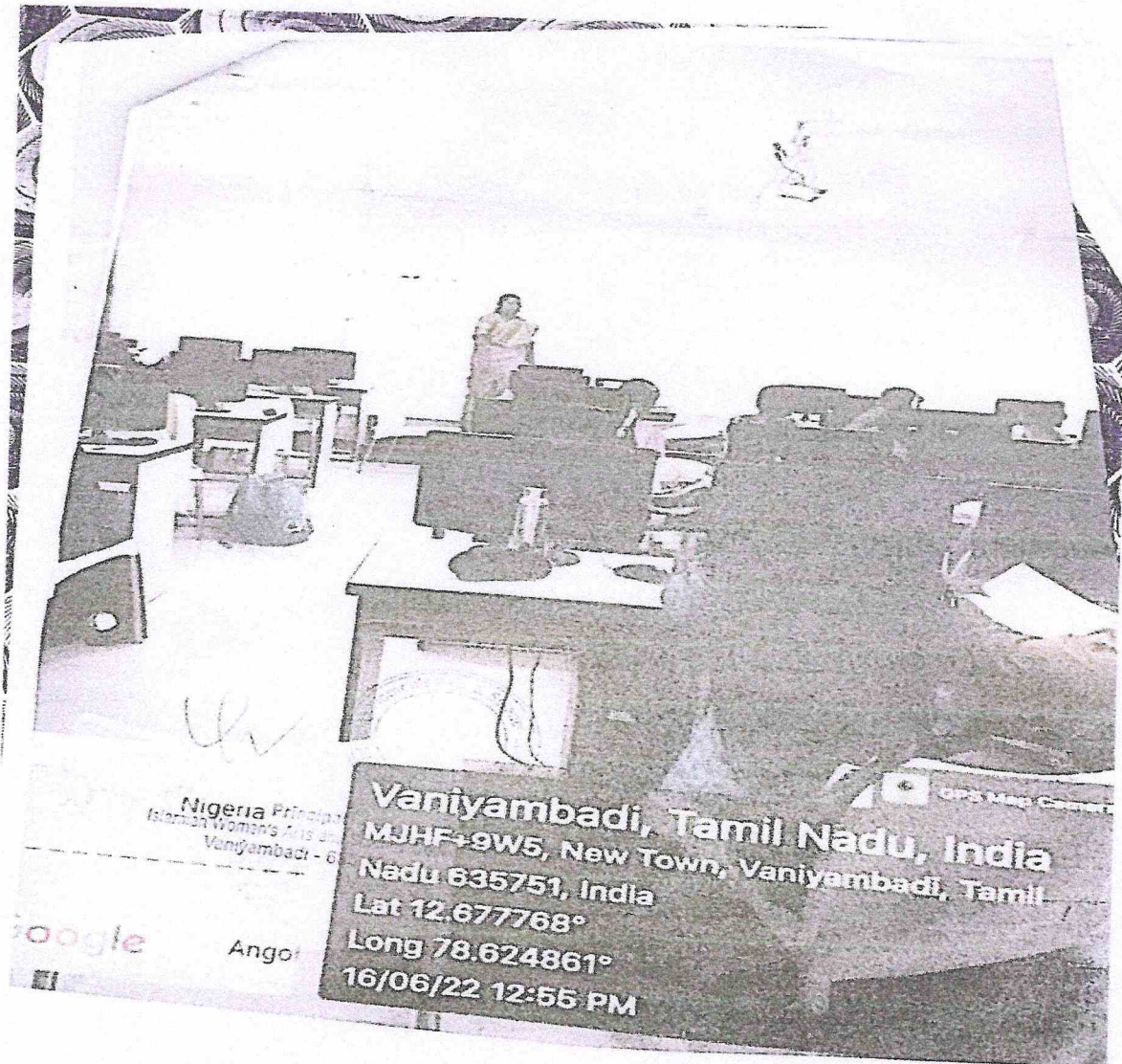


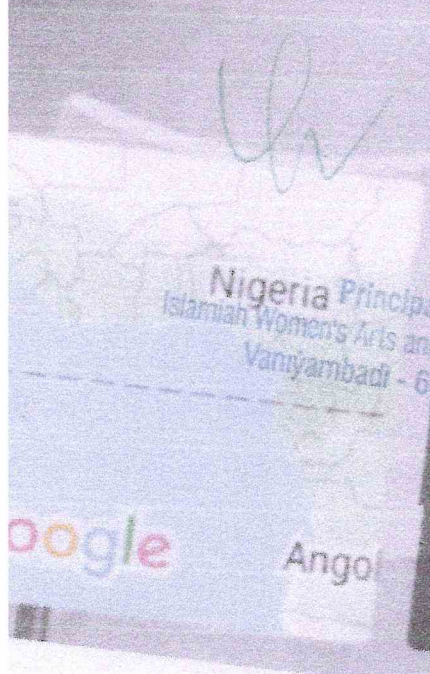
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Vaniyambadi, Tamil Nadu, India
 MJHF+9W5, New Town, Vaniyambadi, Tamil
 Nadu 635751, India
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 Long 78.624861°
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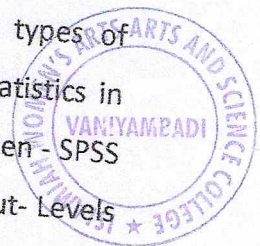
ISLAMIAH WOMEN'S ARTS AND SCIENCE COLLEGE
(Recognized by UGC under section 2(f) & 12(b) of the UGC Act, 1956
Permanently Affiliated with Thiruvalluvar University, Approved by Govt. of Tamil Nadu
and Accredited by NAAC with 'B' Grade) Vaniyambadi, Tamil Nadu.

REPORT OF THE HANDS ON TRAINING PROGRAM FOR DATA ANALYSIS USING IBM SPSS HELD
FROM 16/05/2022 TO 16/06/2022

The hands on training program for data analysis using IBM SPSS was organized by the PG and Research Department of Commerce for the 191 students of the Department from 16/05/2022 to 16/06/2022 from 1.30 pm to 2.40 pm during the working days of the college. Dr. P. Kavitha., M.Com., M.Phil., M.B.A., M.Com(CA), Ph.D., SET., Assistant Professor of PG and Research Department of Commerce our college was invited as trainer for the training program. This training program was started with inauguration on 16/05/2022 in which principal Dr. M. Renu, highlighted the significance of the data analysis using IBM SPSS. The theory classes were taken in the seminar hall and all the practical classes were taken in English Language Lab.

SPSS was taught in such way that it is useful for the students to do research, to write article and to do projects also. Statistic concept and SPSS applications were explained how it was useful for the students and researchers in entire analytic process, starting from planning, data collection, data analysis, report creation and deployment. The statistical tool which are useful for the research and to do project were thoroughly taught to all the students and Hands on training was given in following concepts.

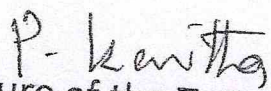
Introduction to Statistics: Meaning of statistics-Mean, Median, Mode, types of frequency distributions-Normal distribution- Need of Statistics. Application of statistics in research. Introduction to SPSS: Introduction to IBM SPSS – SPSS Variable view Screen - SPSS Data view screen - SPSS Main menu - Data Editor tool Bar - Getting data in and out- Levels of Measurements-Nominal, Ordinal and Scale measurements. Entering variable, Data and validating data -Working with data and variables-Creating basic Graphs and charts-Printing data view, variable view, out put viewer screen-- Reliability Test- Basic descriptive statistics - Sorting Data - Totaling data-Mathematical function in SPSS - One sample T test- Binomial T



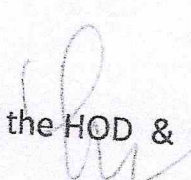
test- Independent Sample T test - Paired sample T test- Interpretation of analysis-writing analysis. Simple Correlation - Bivariate correlation -Multiple correlation - Interpretation of analysis-writing analysis - Single Linear Regression-Multiple Linear regression Interpretation of analysis-writing analysis - Chi-Square Goodness of Fit-Chi – Square Test of Independence Interpretation of analysis-writing analysis

One way ANOVA-ANCOVA-MANOVA- Interpretation of analysis - writing analysis - Factor analysis-Assumptions-validity-communalities-Eigen values-Rotated Matrix- Interpretation of Factor analysis-writing analysis-Introduction to AMOS - Writing various research projects.

The participation E-certificate and course material were given to all the participants.



Signature of the Trainer

(Dr.P.KAVITHA)


Signature of the HOD & Principal

(Dr.M.RENU)

Principal
Islamiyah Women's Arts and Science College
Vaniyambadi - 635 752.


Principal
Islamiyah Women's Arts and Science College
Vaniyambadi - 635 752.

