



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

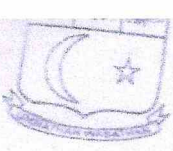
FDP ON HANDS

ON

TRAINING PROGRAM ANALYSIS

USING IBM SPS





Islamiah Women's Arts and Science College

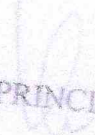
(Recognised by UGC under Section 2(f) & 12(b) of the UGC Act 1956 & Permanent affiliation with Thiruvalluvar University
Maintained & Managed by The Vaniyambadi Muslim Educational Society)
10, Bye-Pass Road, New Town, Vaniyambadi - 635 752, Tirupattur District, Tamilnadu.
Telefax : +91 4174 - 235 266 e-mail : principaliwc@gmail.com

Date: 06/07/2022

Circular

This is informed to all the faculties that our college organizes Faculty Development Program on "FDP on Hands on Training Program for Data Analysis using IBM SPSS from 07/07/2022 to 30/07/2022. This training program will be held from 1.30pm to 2.40 p.m. during working days at English Language Lab. The Materials, Software (Trial Version link) and E-certificate will be provided to all the participants. The faculties are requested to participate in the FDP and utilize the golden opportunities.

Order by


PRINCIPAL

(Dr. M. RENU)

Copy to

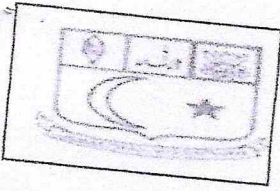
(i) Secretary and Correspondent

(ii) Advisor Sir

(iii) Heads of the Department

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





ISLAMIAH WOMEN'S ARTS AND SCIENCE COLLEGE, VANIAMBADI
MINUTES OF THE MEETING

Proceedings of the meeting

Date:01/07/2022

The meeting for the FDP on hands on training program for Data Analysis Using IBM SPSS was arranged on 01/07/2022 at 10.00 a.m., in the Principal Room. Principal, Trainer and all members were present in the meeting. The meeting was presided over by the Principal Dr. M.Renu. The agenda of the meeting was presented by D. Mahalakshmi.

- Resolved to organize FDP on Hands on training program for Data Analysis using IBM SPSS
- Resolved that the training program to be organized for all the faculty members of our college from 07/07/2022 to 30/07/2022 from 1.30 pm to 2.30 pm during working days of the college
- Resolved to organize FDP at Seminar Hall and Practical class will be held at ELL
- Resolved to invite Dr. P. Kavitha, Assistant Professor of the PG and Research department Commerce of our college as trainer
- Resolved to allot the duties for the staff members as below

S.NO	Name of the faculties	Duties
1	Prof.Dr.P. Kavitha	(i) Preparing Invitation, Circular, Minutes, Agenda, syllabus. (ii) Schedule of class to be taken
2	Prof.D. Mahalakshmi	Maintaining attendance, Seminar hall and ELL arrangement
3	Prof P. Thenmozhi	Taking Photo, Preparing Report with Photo, discipline.

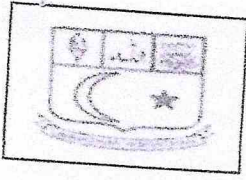
Signature of the Members Present in the Meeting

S.NO	Name of the Faculties	Signature
1	Dr. P. Kavitha	
2	Ms.D. Mahalakshmi	
3	Ms.P.Thenmozhi	

Signature of the Principal



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



ISLAMIAH WOMEN'S ARTS AND SCIENCE COLLEGE, VANIAMBADI

AGENDA OF THE MEETING


Date:01/07/2022

- To resolve to organize FDP on Hands on training program for Data Analysis using IBM SPSS
- To resolve the program to be organized for all Faculties members of the college from 07/07/2022 to 30/07/2022 from 1.30 pm to 2.30 pm .during the working days
- To resolve to invite Dr. P.Kavitha as trainer
- To resolve the allotment of the duties for the staff members as below

S.NO	Name of the faculties	Duties
1	Prof.Dr.P. Kavitha	(i) Preparing Invitation, Circular, Minutes, Agenda, syllabus. (ii) Schedule of class to be taken
2	Prof.D. Mahalakshmi	Maintaining attendance, Seminar hall and ELL arrangement
3	Prof P. Thenmozhi	Taking Photo, Preparing Report with Photo, discipline.

Signature of the Members:

S.NO	Name of the Faculties	Signature
1	Dr. P. Kavitha	
2	Ms.D. Mahalakshmi	
3	Ms.P.Thenmozhi	


Signature of the Principal

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



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. Aarief 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	



34	Ms. Qurratul Aein .J	
35	Ms. Misba Shabnam. S. T	
36	Ms. A. Anu	
37	Miss. S.Aruna (Bio) ✓	
38	Mrs.D.Sudha ✓	
39	Dr. M.Suganya	M. Suganya.
40	Ms. Geetha	S. Geetha.
41	Ms. Unaiza Usmani B.S	
42	Ms. Nithyalakshmi	M. Nithyalakshmi
43	Ms. P.Ramya (Chem)	P. Ramya
44	Ms. Thilagavathi.J	Thilagavathi.J
45	Ms. J. Lekha	J. Lekha
46	Ms. Mary Indhumathi.K	M. Indhumathi.K
47	Ms. R.Malathi	R. Malathi
48	Ms.S.Naga Sudha (IDD)	
49	Ms.D.Anandhi	D. Anandhi
50	Ms.V.Sathya	V. Sathya
51	Ms. S.Kanimozhi	S. Kanimozhi
52	Ms. N.Kalpana (Zoology)	N. Kalpana
53	Ms. A. Ragamathbee	
54	Dr. C. Sandhya	C. Sandhya
55	Ms.T.Aruna B.C.A & BSc. (C.S)	
56	Ms. Sharmila .G ✓	S. Sharmila .G
57	Ms.Salma.A	S. Salma.A
58	Ms. C.Firza Afreen	C. Firza Afreen
59	Ms. Nivetha.P.	N. Nivetha.P.
60	Ms. Yasmeen.C ✓	Y. Yasmeen.C
61	Ms. Shabeena Begum.S	S. Shabeena Begum.S
62	Ms.Aasifa Kouser .A	
63	Ms.Afeeya.J	A. Afeeya.J
64	Ms.J.Jayadurga	J. Jayadurga
65	Ms.C.Ranjitha ✓	C. Ranjitha
66	Ms. Veronika.K	V. Veronika.K
67	Ms. Nilofar Banu.S ✓	N. Nilofar Banu.S
68	Ms. D. Priya Kumari	D. Priya Kumari
69	Mrs.L.Jagdeeswari (Maths)	L. Jagdeeswari
70	Mrs. A.Hemavathy	A. Hemavathy



71	Ms. M. Uma	M. Uma
72	Ms. Shaziya Suqulain.N	Shaziya
73	Ms. H.M.Tanveera Sultana	H.M.Tanveera
74	Ms.P.Vijayalakshmi	P. Vijayalakshmi
75	Ms.P.Annapoorani	P. Annapoorani
76	Ms. G. Sumathi	G. Sumathi
77	Ms. I.Hajeera Banu	I. Hajeera Banu
78	Ms. M. Yamuna	M. Yamuna
79	Ms. G.Priyanga	G. Priyanga
80	Dr. P.Kavitha (Commerce)	P. Kavitha
81	Ms. S.Deepalakshmi	S. 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 Sarvath
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. B. Sandhiya	B. Sandhiya
95	Ms. R. Renuka	R. Renuka
96	Ms. V.Nayara Banu (Physical Education)	V. Nayara Banu



FEEDBACK FORM FOR FDP ON HANDS ON TRAINING PROGRAM ON DATA ANALYSIS USING IBM SPSS

1.Email id *

Shobyekambaram05@gmail.com

2.Name *

Shobana. E

3.Designation *

Assistant professor

4.Department *

English

5.I am very attentive in the FDP *

Yes

No



6.1 Understand all the tools and concepts *

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

7. I gathered lot of information about the concepts and tools *

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

8. The FDP on Data Analysis using IBM SPSS is very much useful for me *

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree



9. The presentations and contents delivery of all the tools and concepts was *

- Excellent
- Good
- Fair
- Poor

10. The overall about the FDP, I Like to say *

- Excellent
- Good
- Fair
- Poor

11. Suggestion if any

Like to participate more programs like this

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Google Forms



8/1/2022 20:4 Shobayakam Shobana, E
 8/1/2022 20:4 umahenryal Dr. P. Umadevi
 8/1/2022 20:4 umamaths1 Ms.M.UMA
 8/1/2022 20:4 jayajdurga@ J.JAYADURGA
 8/1/2022 20:5 sudhalogan L.Sudhamani
 8/1/2022 20:5 dsabak128 Dr. AARIEFA BASHEER
 8/1/2022 21:0 maryindumt MARY INDUMATHI JP
 8/1/2022 21:1 thenmozha THENMOZHI P
 8/1/2022 21:1 themavathy A.HEMSVATHY
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 8/1/2022 22:2 sumathig61 G.SUMATHI
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 8/2/2022 7:29 Jovisha081 P.PANNAPOORANI
 8/2/2022 9:54 tanveerasul TANVEERA SULTANA H. M
 8/2/2022 10:4 ramyakavi.7 P.RAMYA
 8/2/2022 10:4 msharmilab M.Sharmila Begam
 8/2/2022 10:5 thilagavathi J. Thilagavathi
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 8/2/2022 16:1 lekthajohnsc J LEKHA
 8/5/2022 14:1:17priyaaam Priya Kumari.D
 8/11/2022 13: arunacsir@ S ARUNA

3.Designation 4.Department 5.I am 6.I Underst 7. I gathere 8. The FD 9. The presen 10.The overa 11. Suggestion if any
 Assistant profe English Yes Strongly A Strongly Agi Strongly A Excellent
 Assistant profe Commerce Yes Strongly A Strongly Agi Strongly A Excellent
 ASSISTANT PI Mathematics Yes Strongly A Strongly Agi Strongly A Excellent
 Assistant Profe PG Departme Yes Agree Agree Strongly A Good
 Assistant profe English Yes Agree Agree Strongly A Good
 Librarian Library and in Yes Strongly A Strongly Agi Strongly A Excellent
 Assistant profe CHEMISTRY Yes Neutral Agree Strongly A Excellent
 Assistant Profe Commerce (C Yes Agree Neutral Strongly A Good
 ASSISTANT PI MATHEMATIC Yes Strongly A Strongly Agi Strongly A Excellent
 ASST PROFE MATHEMATIC Yes Strongly A Strongly Agi Strongly A Excellent
 Asst.Professor MATHEMATIC Yes Strongly A Agree Agree Good
 Assistant Profe Pg Departmet Yes Strongly A Strongly Agi Strongly A Excellent
 ASSISTANT PI MATHEMATIC Yes Agree Agree Strongly A Excellent
 Assistant profe Mathematics Yes Strongly A Strongly Agi Strongly A Excellent
 Assistant Profe CHEMISTRY Yes Agree Agree Agree Good
 Assistant profe English Yes Agree Agree Agree Excellent
 Assistant profe Chemistry Yes Agree Agree Agree Good
 Assistant Profe Biochemistry Yes Strongly Di Strongly Dis Strongly C Excellent
 Asst Prof & Hei PG & Researc Yes Strongly A Strongly Agi Strongly A Excellent
 ASSISTANT PI MATHEMATIC Yes Strongly A Agree Strongly A Excellent
 Assistant Profe Zoology Yes Agree Strongly Agi Agree Excellent
 Assistant Profe PG and Resei Yes Agree Agree Agree Excellent
 Assistant profe Commerce (C Yes Strongly A Strongly Agi Strongly A Excellent
 Assistant profe Chemistry Yes Agree Agree Strongly A Excellent
 Asst.Professor BCA Yes Agree Strongly Agi Agree Excellent
 Head Assistant PG Departme Yes Strongly A Strongly Agi Strongly A Excellent

Excellent Like to participate more programs like this
 Excellent Thank you so much mam and need more like this FDP
 Excellent Excellent session
 Good Nothing
 Good Overall Good
 Excellent Such FDP 's should be organised and encouraged in up coming days. It is more informative .
 Excellent Really good
 Good No
 Excellent Very interesting and useful
 Excellent Very useful sessions
 Good It is very useful
 Excellent Your All sessions very interesting mam...
 Excellent Mam..Thanks a lot for ur effective Teaching.
 Excellent Excellent session
 Good
 Excellent I learn more useful section
 Good Nice experience
 Excellent Very useful. Thank you
 Excellent Excellent sessions
 Excellent It's very interesting
 Excellent Could be used for students especially PG Students and research scholars of our college
 Excellent Very informative
 Good
 Excellent
 Excellent Very useful Program for Science stream too





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#10, By Pass Road, Newtown, Vaniyambadi - 635 752. Tirupattur Dist. Tamil Nadu.
Phone : 04174 - 235 266 | E-mail : principalwoc@gmail.com | www.islamiahwomenscollege.edu.in

Certificate OF PARTICIPATION


This is to certify that


Dr. / Ms. L. JAGADEESWARI HOD OF MATHEMATICS


has participated in the

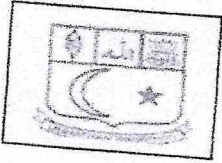
"FDP ON HANDS ON TRAINING PROGRAM FOR DATA ANALYSIS USING IBM SPSS"
organised by the College held from 7-07-2022 to 30-07-2022.




Dr. M. Renu
Principal


Dr. P. Kavitha
Trainer & Convener


Mr. C. Khaiser Ahmed
Secretary and Correspondent



ISLAMIAH WOMEN'S ARTS AND SCIENCE COLLEGE, VANIYAMBADI
FACULTY DEVELOPMENT PROGRAM

on
HANDS ON TRAINING PROGRAM FOR DATA ANALYSIS USING IBM SPSS
Date: 07/07/2022 to 30/07/2022; Time 1.30 pm to 2.40 pm

SYLLABUS

Unit-I

Introduction to Statistics: Meaning of statistics-Mean, Median, Mode, types of frequency distributions-Normal distribution- Converting Non Normal Distribution Data into Normally Distributed Data - 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-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 - 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

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 and MAXQDA.

Signature of the
Trainer
P. KARTHIGAN
(Dr. P. KARTHIGAN)



Principal
Islamiah Women's Arts and Science College
Vanliyambadi - 635 702
Principal

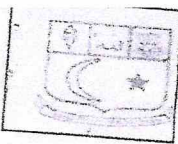


Oganised from 07/07/2022 to 30/07/2022

Course Contents

Date	Class taken	Time
07/07/2022	Introduction to Statistics: Meaning of statistics-Mean, Median, Mode, Reliability and validity test -types of frequency distributions	1.30 pm to 2.30pm
08/07/2022	Normal distribution- Converting Non- Normal Distribution Data into Normally Distributed Data - Need of Statistics. Application of statistics in research.	1.30 pm to 2.30pm
09/07/2022	Introduction to SPSS: Introduction to IBM SPSS – SPSS Variable view Screen - SPSS Data view screen	1.30 pm to 2.30pm
08/07/2022	SPSS Main menu - Data Editor tool Bar - Getting data in and out	1.30 pm to 2.30pm
09/07/2022	Levels of Measurements-Nominal , ordinal and scale measurements.Entering variable, Data and validating data-Working with data and variables.	1.30 pm to 2.30pm
11/07/2022	Creating basic Graphs and charts-Printing data view, variable view, out put viewer screen	1.30 pm to 2.30pm
12/07/2022	Basic descriptive statistics - Sorting Data - Totaling data-Mathematical function in SPSS	1.30 pm to 2.30pm





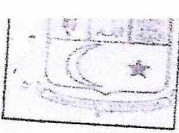
ISLAMIAH WOMEN'S ARTS AND SCIENCE COLLEGE, VANIAMBADI
FDP ON HANDS ON TRAINING PROGRAM FOR DATA ANALYSIS USING IBM SPSS

Oganised from 07/07/2022 to 30/07/2022

Course Contents

13/07/2022	One sample T test- Interpretation of analysis-writing analysis.	1.30 pm to 2.30pm
14/07/2022	Binomial T test- Interpretation of analysis-writing analysis.	1.30 pm to 2.30pm
15/07/2022	Independent Sample T test - Interpretation of analysis-writing analysis.	1.30 pm to 2.30pm
16/07/2022	Paired sample T test- Interpretation of analysis-writing analysis.Simple Correlation Interpretation of analysis-writing analysis	1.30 pm to 2.30pm
18/07/2022	Bi-variate correlation- Interpretation of analysis-writing analysis	1.30 pm to 2.30pm
19/07/2022	Multiple correlation - Interpretation of analysis-writing analysis	1.30 pm to 2.30pm
20/07/2022	Single Linear Regression- Interpretation of analysis-writing analysis	1.30 pm to 2.30pm
21/07/2022	Multiple Linear regression -Interpretation of analysis-writing analysis	1.30 pm to 2.30pm
22/07/2022	Chi-Square Goodness of Fit- Interpretation of analysis-writing analysis	1.30 pm to 2.30pm





Oganised from 07/07/2022 to 30/07/2022

Course Contents

23/07/2022	Chi – Square Test of Independence- Interpretation of analysis-writing Analysis.One way A NOVA-ANCOVA- MANOVA- Interpretation of analysis - writing analysis	1.30 pm to 2.30pm
25/07/2022	MANOVA- Interpretation of analysis - writing analysis	1.30 pm to 2.30pm
26/07/2022	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 – Introduction to MAXQDA	1.30 pm to 2.30pm
27/07/2022	SPSS Practical Class	1.30 pm to 2.30pm
28/07/2022	SPSS Practical Class	1.30 pm to 2.30pm
29/07/2022	SPSS Practical Class	1.30 pm to 2.30pm
30/07/2022	SPSS Practical Class	1.30 pm to 2.30pm

P. Kavitha

SIGNATURE OF THE TRAINER

(Dr.P. KAVITHA)

SIGNATURE OF THE PRINCIPAL

(Dr.M.RENU)



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

All Are Cordially
Invited



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

FACULTY DEVELOPMENT PROGRAM

on
HANDS ON TRAINING PROGRAM FOR DATA ANALYSIS USING IBM SPSS

DATE 07/07/2022
to 30/07/2022

TIME: 1.30 pm TO
2.40 PM

TRAINER



Mr. C. KHAISER AHMED
Secretary & Correspondent

**Dr. P. KAVITHA, M.Com., M.Phil., M.B.A.,
M.Com(CA), Ph.D., SET,
ASSISTANT PROFESSOR, PG AND RESEARCH
DEPARTMENT OF COMMERCE,
ISLAMIAH WOMEN'S ARTS AND SCIENCE
COLLEGE, VANIYAMBADI**

Dr. M. RENU
Principal

Dr. P. KAVITHA
Trainer & Convener





ISLAMIAH WOMEN'S ARTS AND SCIENCE COLLEGE

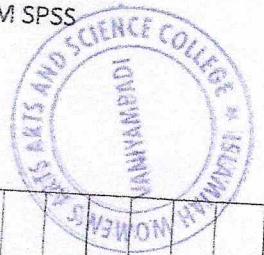
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Vaniyambadi - Tamil Nadu

FDP ON HANDS ON TRAINING PROGRAM FOR DATA ANALYSIS USING IBM SPSS

ORGANIZED BY IWASC

Date : 07/07/2022 to 30/07/2022

PARTICIPANTS ATTENDANCE



S.NO	NAME	07/07/2022	08/07/2022	09/07/2022	11/07/2022	12/07/2022	13/07/2022	14/07/2022	15/07/2022	16/07/2022	18/07/2022	19/07/2022	20/07/2022	21/07/2022	22/07/2022	23/7/2022	25/07/2022	26/07/2022	27/07/2022	28/07/2022	29/07/2022	30/07/2022	
1	Dr.																						
2	Prof. A. MEENAZ BANU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Prof. L. JAGADESWARI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	Prof. M. UMA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	Prof. H.M. TANVEERAH SULTANA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	Prof. G. SUMATHI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	Prof. A. Hemavathy	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	Prof. P. ANNAPURANI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	Prof. M. SHARMILA BEGAM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	Prof. K. PRIYA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	Prof. L. SUDHA MANI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	Prof. F. SHOBANA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13																							
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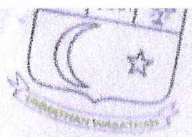




Vaniyambadi, Tamil Nadu, India
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Lat 12.678364°



GPS Map Camera



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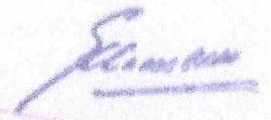
Certificate OF PARTICIPATION

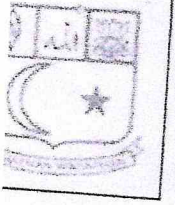
This is to certify that
Dr. / Ms. D. MAHALAKSHMI, ASSISTANT PROFESSOR, P.G. DEPT. OF COMMERCE
has participated in the
FOR ON HANDS ON TRAINING PROGRAM FOR DATA ANALYSIS USING IBM SPSS
organised by the College held from 7-07-2022 to 30-07-2022.




Dr. M. Renu
Principal







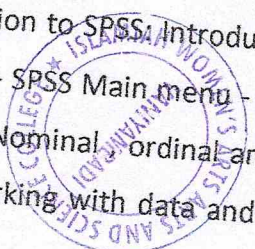
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Tamil Nadu and Accredited by NAAC with 'B' Grade) Vaniyambadi, Tamil Nadu.

REPORT OF THE FACULTY DEVELOPMENT PROGRAM ON HANDS ON TRAINING PROGRAM
FOR DATA ANALYSIS USING IBM SPSS HELD FROM 16/07/2022 TO 30/07/2022

The faculty development program on hands on training for data analysis using IBM SPSS was organized by the college for the faculties of the our college from 07/07/2022 to 30/07/2022 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 was invited as trainer for the FDP. This FDP 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 the practical classes using trial version of IBM SPSS were given in English Language Lab. Totally 50 faculties from our college actively participated.

SPSS was taught in such way that it is useful for the faculties to do research, to write article and to do projects also Concepts of statistics and IBM SPSS(Trial Version) applications were explained how it was useful for the faculties 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 faculties and Hands on training was given in following concepts

Introduction to Statistics: Meaning of statistics-Mean, Median, Mode, types of frequency distributions-Normal distribution- Converting Non Normal Distribution Data into Normally Distributed Data - Needs 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-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 and MAXQDA, Writing various research reports.

The participation certificate and course Material were given to all the participants.

P. KAVITHA

Signature of the Trainer

(Dr.P.KAVITHA)

Signature of the Principal

(Dr.M.RENU)

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



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