

## **Workshop on SPSS**

'Education is the passport to the future for tomorrow belongs to those who prepare for it today' with this intension of educating today at this pandemic crisis a two day workshop on SPSS was organized on 14.05.2021 & 15.05.2021 from 10.00 a.m. to 01.00 p.m. with a resource person of higher designation Dr.R.Ravanan, Joint Director of Collegiate Education, Chennai Region.

### **Day 1: 14.05.2021**

The first day session started at the scheduled time at 10.00am. The virtual gatherings were given a congenial welcome by Ms.L.Maria Suganthi followed by the brief note about our University by Dr.P.Senthamizh Pavai. Inaugural address was delivered by Dr.P.Kalidoss, Additional Registrar, Dr.MGR ERI by wishing the team success for the two day workshop and recollecting the moments of two decade with the resource person in Presidency College, Chennai. The resource person was introduced to the participants by the event co-ordinator Ms.J.Vigneshwari.

'Skill is the unified force of experience, intellect and passion in their operation' was truly experienced with the insightful presentation starting from the basic Statistical concepts like population, sample, variable, parameter and statistic. Notation of population and sample, sampling techniques, sampling and non-sampling errors, measurement scales and interpretation through examples by getting responses from the participants through live chat. The session was lively through the quick responses of the 500 participants. Few moments for the field of questions response was insightful. The session came to an end at 01.00 p.m. with the gratitudinal note by Dr.K.Geetha, Principal, Faculty of Education, Dr.MGR ERI and by Dr.V.Anuradha.

### **Day 2: 15.05.2021**

The second day session started along with you tube live as there was more than 500 participants at the stipulated time 10.00 a.m. with the welcome address by Dr.K.Geetha and the second day session was also maintained with remarkable poise in the face during presentation brought intuitiveness from current research and covered the complete analysis and interpretation on SPSS drew the audience in and held their attention and there was active and quick response from the participants throughout the session. After the question session gratitudinal note was proposed by Dr.Senthamizh Pavai.

The session came to an end with a positive note ' Nothing in life is to be feared, it is only to be understood. Now is the time to understand more, so that we may fear less'. It was an eye opener for the participants in the field of research analysis and interpretation.



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Periyar E.V.R. High Road, Maduravoyal, Chennai-95, Tamilnadu, India.



**FACULTY OF EDUCATION (B.Ed.)**

**Welcomes all for the two days**

**Workshop on 'SPSS'**



**Guest Speaker**

**Dr. R. Ramanan**

Joint Director of Collegiate Education  
Chennai Region, Chennai.

**\*No Registration**

**\*E-Certificate will be Provided**



**14.05.2021 & 15.05.2021**



**@10.00 am -1.00 pm**



**zoom**

**Meeting ID- 652 417 5014**

**Passcode- education**

Zoom Meeting

Participants (500)

Find a participant

- G.MANIBALAN
- GR Gajulapalli Rakesh Reddy
- GA Galaxy A20
- GA Galaxy A30s
- GF Galaxy F62
- GJ Galaxy J2 Pro
- GJ Galaxy J2 Pro
- GJ Galaxy J4
- GI Galaxy J7 Max
- GJ Galaxy J7 Prime
- GJ Galaxy J7 Prime
- GT Galaxy Tab A7
- Gautham Raaj Kumar K
- Gayathri Devi
- GLK Gayathri K

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# Data Analysis Using SPSS

By

## Dr. R. RAVANAN

Joint Director of Collegiate Education, Chennai Region  
Former Principal, Presidency College, Chennai  
Former Head, Dept of Statistics, Presidency College

E-mail: [ravananstat@gmail.com](mailto:ravananstat@gmail.com)  
Mobile: 98403 75672 / 94442 21627

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Dr.MGRERI ZOOM

Dr.R.Ravanan

Dr.GEETHA.K

Dr. V. Anuradha...

S

Zoom Meeting

Participants (500)

Find a participant

- Dr.MGRERI ZOOM (Host, me)
- Dr.V.Anuradha Dr... (Co-host)
- Dr.GEETHA.K (Co-host)
- Dr.R.Ravanan (Co-host)
- L.MARIA SUGANT... (Co-host)
- Senthambizhpaival P (Co-host)
- Vinayachandran T... (Co-host)

Chat

youtube live  
<https://www.youtube.com/watch?v=EsqHFPX2B7g>  
 From Galaxy i6+ to Everyone:  
 good morning to all  
 From Dr.Amol Shinde to Everyone:  
 Good Morning , Dr. Amol Shinde -  
 Lecturer, University of Technology and  
 Applied Science, (UTAS), Higher College  
 of Technology, Muscat, Oman  
 shindeamol1280@gmail.com

To: Everyone

Type message here...

Dr.R.Ravanan

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34°C ENG 10:05 15-05-2021

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Presentation of Job Description

Female with respect to Factors of Job Description of Employees

Factors of Job Description	Gender				t value	P value
	Male		Female			
	Mean	SD	Mean	SD		
Environmental Perceptions	16.27	3.58	15.47	4.08	2.056	0.040*
Attitudes toward Coworkers	15.03	3.98	8.72	3.83	16.083	<0.001**
Organizational Commitment	14.48	4.16	14.58	4.18	0.235	0.815
Job Satisfaction	11.81	3.97	12.60	3.80	2.016	0.045*
Staying Intentions	15.82	2.72	14.85	3.64	3.008	0.003**
<b>Overall Job Description</b>	<b>73.41</b>	<b>11.57</b>	<b>66.22</b>	<b>13.54</b>	<b>5.725</b>	<b>&lt;0.001**</b>

Note : 1. \*\* denotes significant at 1% level  
 2. \* denotes significant at 5% level

Participants: Madhumathi, S Rajamani, AISHWARYA D..., Shobitha V, P.Anitha, Merlin Priyanka, Dr P.Praveena, Eda Suneetha, Lakshmi priya, M. Gayathri, Vanitha S, Kalpana R, 20AD39 - Sweth...

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Recording LIVE on YouTube

File | C:/Users/ravany/OneDrive/Desktop/Dr.R.Ravanan%20-%20SPSS%20-Dr.MGR/Presentati...

21

All \*\*

Since P value is less than 0.01, null hypothesis is rejected at 1% level with regard to Factors of Attitudes toward Co-workers, Staying Intentions and Overall Job Description of Employees. Hence there is significance difference between male and female of employees with regard to the Factors of Attitudes toward Co-workers, Staying Intentions and Overall Job Description. Based on mean score, the male employees have better in Attitudes toward Co-workers, Staying Intentions and Overall Job Description than female employees because

Manju.D | ANNISHA S K | Dr.S.Rajeswari | Aradkya Diya

L. MARIA SUG... | S. Neelambari | M SHEELA | Menaka Lokesh

Raviboumanj... | Nisha T.V | P.V. Subhashini | karthikeyani

SWEATHA D | realme 6 | Kamakshi Suk... | Kanniammal

D.Krishna.ar... | Jasmin Jerald H S | 20AA44 Swet... | Uma

vaishnavi jayabal | Kulandai Theres... | P | priyadharshini

Pavathra Balu

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IBM SPSS Statistics Processor is ready

IBM SPSS Statistics Data Editor

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One-Way ANOVA: Post Hoc Multiple Comparisons

Equal Variances Assumed

LSD | Bonferroni | Scheffé | B-E-G-W-F | R-E-G-W-G | Tukey-Duncan | Dunnett | Dunnett's C

Equal Variances Not Assumed

Tukey's HSD | Dunnett's T2 | Games-Howell | Dunnett's C

Significance level: 0.05

	total	all_g	visit
N	20	5	16
SD	6	4	10
		7	34

Top chat

- sarmila A good morning sir
- sanjitha kishore age group and factors
- sanjitha kishore nominal
- sanjitha kishore 4
- sarmila A nominal
- sanjitha kishore scale
- sarmila A scale
- RPK ordinal
- RPK scale

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Say something... 0/200

HIDE CHAT

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ANALYTICS | EDIT VIDEO | Teacher's Day Celebration

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Factors of Job Description	Age Group in year				F value	P value
	Upto 30	31-40	41-50	Above 50		
Environmental Perceptions	15.55 (3.87)	15.88 (3.88)	16.05 (3.82)	16.32 (3.78)	0.727	0.536
Attitudes toward Coworkers	10.75 <sup>a</sup> (4.98)	11.35 <sup>a</sup> (4.79)	13.01 <sup>b</sup> (5.05)	14.03 <sup>b</sup> (4.56)	9.136	<0.001**
Organizational Commitment	13.70 <sup>a</sup> (4.35)	14.76 <sup>a</sup> (4.14)	14.31 <sup>a</sup> (4.29)	16.01 <sup>b</sup> (3.25)	5.278	0.001**
Job Satisfaction	11.52 <sup>a</sup> (4.20)	11.84 <sup>a</sup> (3.68)	12.49 <sup>b</sup> (3.78)	13.49 <sup>b</sup> (3.51)	4.615	0.003**
Staying Intentions	14.75 <sup>a</sup> (3.40)	15.44 <sup>a</sup> (3.12)	15.60 <sup>a</sup> (3.11)	16.07 <sup>b</sup> (3.06)	3.033	0.029*
Overall Job Descriptions of Employees	66.26 <sup>a</sup> (13.10)	69.27 <sup>ab</sup> (11.99)	71.46 <sup>b</sup> (13.49)	75.92 <sup>b</sup> (11.35)	9.900	<0.001**

Note : 1. The value within bracket refers to SD  
 2. \*\* denotes significant at 1% level  
 3. \* denotes significant at 5% level  
 4. Different alphabet among Age Group in years denotes significant at 5% level using Duncan Multiple Range Test (DMRT)

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IBM SPSS Statistics Viewer

Tests for Several Related Samples

Friedman Test

Rank	Mean Rank
EP1	2.38
EP2	2.70
EP3	2.52
EP4	2.39

Test Statistics<sup>a</sup>

Chi-Square	df	Asymp. Sig.
37.999	3	.000

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