

**TEN DAYS ICSSR NATIONAL WORKSHOP ON SPSS  
(27 Sept. to 06 Oct., 2018)**

**Sponsored by ICSSR**

**Organized by**

Department of Education,  
Pandit Sundarlal Sharma (Open) University Chhattisgarh, Bilaspur

**Workshop Schedule**

<b>Date</b>	<b>Session / Time</b>	<b>Name, Designation and Address of Resource Persons</b>	<b>Topics / Course content</b>
<b>27 September, 2018, Day 1 (Thursday)</b>	<b>1 10:30-12:00</b>	<b>Prof.B.G. Singh</b> Hon. Vice Chancellor Pt.Sundarlal Sharma (Open) University, Bilaspur (C.G.)	Inaugural Session : Concept , Basics and Need of SPSS,
	<b>2 12:00-01:30</b>	<b>Prof.P.K.Naik</b> Professor & Head Deptt. of Education Dr.C.V.Raman University Kota, Bilaspur (C.G)	Use of Data in Social Science Research
	<b>01:30-02:30</b>	<b>Lunch Break</b>	
	<b>3 2:30-04:00</b>	<b>Prof. M.Vani</b> Professor Rungta College of Education Bhilai (C.G.)	Research Tools
	<b>04:00-04:15</b>	<b>Tea Break</b>	
	<b>04:15-05:30</b>	<b>Interaction / Practice Session Among participants</b> <b>Prof.S.L.Nirala</b> Professor, Department of Political Science, Principal, Bilasa Govt. Girls P.G.College , Bilaspur	
<b>28 September, 2018, Day 2 (Friday)</b>	<b>4 10:30-12:00</b>	<b>Prof. Prabha Rohtagi</b> Professor & Head SoS Iin Statistics Pt.Ravishankar Shukla University, Raipur (C.G.)	Getting Familiar with SPSS Introduction , Importing data from Excel, Data Entry Process
	<b>5 12:00-01:30</b>	<b>Prof. Prabha Rohtagi</b> Professor & Head SoS Iin Statistics Pt.Ravishankar Shukla University, Raipur (C.G.)	Data preparation and exploratory data analysis, Plotting several types of charts
	<b>01:30-02:30</b>	<b>Lunch Break</b>	

28 September, 2018, Day 2 (Friday)	6 2:30-04:00	<b>Prof. Meeta Jha</b> Professor of Psychology Department Pt.Ravishankar Shukla University , Raipur (C.G)	Descriptive statistics, Creating and editing charts for two or more variables
	04:00-04:15	Tea Break	
	04:15-05:30	<b>Interaction / Practice Session Among participants</b> <b>Prof.S.D.Jha</b> Department of History Nalini Prabha Devi P.G. College, Bilaspur	
29 September, 2018, Day 3 (Saturday)	7 10:30-12:00	<b>Prof. Meeta Jha</b> Professor of Psychology Department Pt.Ravishankar Shukla University , Raipur (C.G)	Inferential statistics for the mean and the median, Correlation: Pearson, Spearman
	8 12:00-01:30	<b>Prof Ajai Pratap Singh</b> Deptt. of Applied Psychology VBS Purvanchal University Jaunpur, Uttar Pradesh	Development of Model & Testing
	01:30-02:30	Lunch Break	
	9 2:30-04:00	<b>Prof Ajai Pratap Singh</b> Deptt. of Applied Psychology VBS Purvanchal University Jaunpur, Uttar Pradesh	Hierarchical Multiple Regression
	04:00-04:15	Tea Break	
	04:15-05:30	<b>Interaction / Practice Session Among participants</b> <b>Prof.S.L.Nirala</b> Professor, Department of Political Science, Principal, Bilasa Govt. Girls P.G.College , Bilaspur	
30 September, 2018, Day 4 (Sunday)	10 10:30-12:00	<b>Prof. Rajeev Chaudhary</b> Professor of Physical Education Pt.Ravishankar Shukla University, Raipur (C.G.)	One Way ANOVA
	11 12:00-01:30	<b>Prof. Rajeev Chaudhary</b> Professor of Physical Education Pt.Ravishankar Shukla University, Raipur (C.G.)	Two Way & Three Way ANOVA, One, two & three way Repeated ANOVA
	01:30-02:30	Lunch Break	
30 September, 2018, Day 4 (Sunday)	12 2:30-04:00	<b>Prof. J.L.Bharadwaj</b> Professor of Economics Regional Cordinator Pt.Sundarlal Sharma (Open) University, Chhattisgarh Bilaspur	Independent sample 't'-test ,One- sample t-test, Paired sample 't' - test
	04:00-04:15	Tea Break	

	04:15-05:30	<b>Interaction / Practice Session Among participants</b> <b>Prof.S.D.Jha</b> Department of History Nalini Prabha Devi . College, Bilaspur	
<b>01 October, 2018, Day 5 (Monday)</b>	13 10:30-12:00	<b>Prof.B.G. Singh</b> Hon. Vice Chancellor Pt.Sundarlal Sharma (Open) University,	Regression - Linear , Standard Multiple
	14 12:00-01:30	<b>Prof.B.G. Singh</b> Hon. Vice Chancellor Pt.Sundarlal Sharma (Open) University,	Binomial Logistic Regression
	01:30-02:30	Lunch Break	
	15 2:30-04:00	<b>Prof.Praveen Pandey</b> Professor of Economics Deptt. of Economics Bilaspur University Bilaspur (C.G)	Ordinal Logistic Regression
	04:00-04:15	Tea Break	
	04:15-05:30	<b>Interaction / Practice Session Among participants</b> <b>Prof.Praveen Pandey</b> Department of Economics Bilaspur University, Bilaspur (C.G)	
<b>02 October, 2018, Day 6 (Tuesday)</b>	16 10:30-12:00	<b>Prof. P.S.N. Tiwari</b> Professor of Psychology, Deen Dayal Upadhyay University Gorakhpur Uttar Pradesh	Wilcoxon Signed-Rank Test
	17 12:00-01:30	<b>Prof. P.S.N. Tiwari</b> Professor of Psychology, Deen Dayal Upadhyay University Gorakhpur Uttar Pradesh	Mann-Whitney U test Kruskal-Wallis Test
	01:30-02:30	Lunch Break	
	18 2:30-04:00	<b>Prof. J.L.Bharadwaj</b> Professor of Economics Regional Cordinator Pt.Sundarlal Sharma (Open) University, Chhattisgarh Bilaspur	Point biserial and Partial Correlation
	04:00-04:15	Tea Break	
	04:15-05:30	<b>Interaction / Practice Session Among participants</b> <b>Prof. B.L.Goyal</b> Professor of Commerce Regional Director Pt.Sundarlal Sharma (Open) University, Chhattisgarh Bilaspur	

<b>03 October, 2018, Day 7 (Wednesday)</b>	<b>19</b> 10:30-12:00	<b>Prof. B.L.Goyal</b> Professor of Commerce Regional Director Pt.Sundarlal Sharma (Open) University, Chhattisgarh Bilaspur	Factor Analysis - 1
	<b>20</b> 12:00-01:30	<b>Prof. B.L.Goyal</b> Professor of Commerce Regional Director Pt.Sundarlal Sharma (Open) University, Chhattisgarh Bilaspur	Factor Analysis - 2
	<b>01:30-02:30</b>	<b>Lunch Break</b>	
	<b>21</b> 2:30-04:00	<b>Prof. Ajay Bagh</b> Professor Department of Management IGNTU Amarkantak Madhya Pradesh	One Sample Chi-Square, Chi-Square test of Independence, Chi-Square test for Association
	<b>04:00-04:15</b>	<b>Tea Break</b>	
	<b>04:15-05:30</b>	<b>Interaction / Practice Session Among participants</b> Prof. J.L.Bharadwaj Professor of Economics Regional Coordinator Pt.Sundarlal Sharma (Open) University, Chhattisgarh Bilaspur	
<b>04 October, 2018, Day 8 (Thursday)</b>	<b>22</b> 10:30-12:00	<b>Prof. Arvind Jha</b> Professor, Department of Education, Lucknow University (U.P.)	Cluster Analysis - 1
	<b>23</b> 12:00-01:30	<b>Prof. Arvind Jha</b> Professor, Department of Education, Lucknow University (U.P.)	Cluster Analysis - 2
	<b>01:30-02:30</b>	<b>Lunch Break</b>	
	<b>24</b> 2:30-04:00	<b>Dr. Manoj Ku Diwakar</b> Assistant professor Centre for Economic Studies & planning (CESP), School of Social Sciences, JNU, New Delhi	Reliability Analysis:Cronbach's Alpha, Cohen's Kappa, Weighted Kappa, Kendall's Coefficeint of Concordance
	<b>04:00-04:15</b>	<b>Tea Break</b>	
	<b>04:15-05:30</b>	<b>Dr. Manoj Ku Diwakar</b> <i>Assistant professor</i> <i>Centre for Economic Studies &amp;</i> <i>planning (CESP), School of Social</i> <i>Sciences, JNU, New Delhi</i>	Reliability Analysis:Cronbach's Alpha, Cohen's Kappa, Weighted Kappa, Kendall's Coefficeint of Concordance
	<b>25</b> 10:30-12:00	<b>Dr. Surjit Kumar Kar</b> Associate Professor, ICFAI Hyderabad (Telangana)	Structural Equation Modelling using AMOS - I

<b>05 October, 2018, Day 9 (Friday)</b>	<b>26</b> 12:00-01:30	<b>Dr. Surjit Kumar Kar</b> Associate Professor, ICFAI Hyderabad (Telangana)	Structural Equation Modelling using AMOS - II
	<b>27</b> 2:30-04:00	<b>Prof. Brijesh Tiwari</b> Professor & Head Deptt. Of Lib. & Inf. Science Guru Ghasidas Central University Bilaspur (C.G)	Library & E-Library Training
	<b>04:15-05:30</b>	<b>Interaction / Practice Session Among participants</b> <b>Prof. J.L. Bharadwaj</b> Professor of Economics Regional Coordinator Pt. Sundarlal Sharma (Open) University, Chhattisgarh Bilaspur	
<b>06 October, 2018, Day 10 (Saturday)</b>	<b>28</b> 10:30-12:00	<b>Dr. Sandeep Kumar</b> Associate Professor Department of Psychology, Banaras Hindu University Uttar Pradesh	Discriminant Analysis, ROC Curve
	<b>29</b> 12:00-01:30	<b>Dr. Sandeep Kumar</b> Associate Professor Department of Psychology, Banaras Hindu University Uttar Pradesh	Path Analysis in SPSS
	<b>01:30-02:30</b>	<b>Lunch Break</b>	
	<b>30</b> 2:30-04:00	<b>Dr. Sujeet Mishra</b> Associate Professor Deptt. of Education Guru Ghasidas Central University Bilaspur (C.G)	Evaluation Test & Case Studies : Example & Experiences
	<b>04:15-05:30</b>	<b>Validictory</b>	