



NETAJI SUBHAS OPEN UNIVERSITY
SCHOOL OF EDUCATION
C. F.-162, Salt Lake City, Sector – 1, Kolkata-700064
Phone Number: 03340047570/1, Email: schooledu@wbnsou.ac.in

Memo. No: SoE/107/2020

Date: 25 /06/2020

Online Student Support Services Programme Schedule for Paper-IV, Module-2 of PGED Part-1, Jan 2020 Session through Updated NSOU App

Unit/Session	Name of the Faculty	*Date & Time	Online Class Link
Unit-6-Part-1	Prof. Sanat Kr Ghosh	06.07.2020-1pm-2pm	meet.google.com/zhz-wosp-kzk
Unit-6-Part-2	Prof. Sanat Kr Ghosh	07.07.2020-1pm-2pm	meet.google.com/rkz-rios-chc
Unit-7	Dr. K. N Chattopadhyay	08.07.2020-1pm-2pm	meet.google.com/jrd-unjz-yok
Unit-8	Dr. K. N Chattopadhyay	09.07.2020-1pm-2pm	meet.google.com/kwd-fzys-oku
Unit-9	Dr. K. N Chattopadhyay	10.07.2020-1pm-2pm	meet.google.com/ohn-admo-rud
Unit-10	Dr. K. N Chattopadhyay	11.07.2020-1pm-2pm	meet.google.com/ppf-vdmr-ko

Syllabus of Paper-IV, Module-2: Statistical Treatment of Data

Unit 6- Need of Statistical Treatment of Data and descriptive analysis – need of statistical treatment of data in educational research. Preparation for data analysis- frequency distribution. Measures of central tendency- Mean Median and Mode. Measures of variability - Standard deviation and Quartile Deviation. Graphical representation of data- frequency polygon and histogram. Nature of distribution - Concept of normal distribution and normal probability curve. Deviation from normality- Skewness and Kurtosis.

Unit 7- Relation and prediction – Correlation – Product Moment Correlation, Biserial and Point biserial Correlation, Phi-coefficient. Spearman's Rank Correlation. Significance of correlation. Regression and Prediction- Linear and multiple regressions. Multivariate relation – Partial correlation and multiple correlations.

Unit 8- Testing hypothesis- Comparison of two means- t-test (correlated and uncorrelated), t-test for small N. Analysis of variance.

Unit 9- Nonparametric test- Chi-square test, Sign test, Wilcoxon Signed Rank Test, Median test, Mann-Whitney U test.

Unit 10- Psychological scaling- percentile score and percentile rank. T-score and Z-score.

Points to be noted:

- ✚ ***Date & Time of the ‘Live Session’ will be intimated by the Schoolguru.**
- ✚ Duration of the Live Session: **60 Minutes.**
- ✚ The session will be purely academic in nature.

Guidelines for PPT Preparation & Submission:

- ✚ Any one unit from the module assigned depending on the difficulty level of the concepts/ overview of the Unit.
- ✚ Maximum 25 slides
- ✚ First slide should have the name of the faculty, designation, affiliation; with paper, module and unit name.
- ✚ Second slide should have the content of discussion
- ✚ PPT Text: Font style: Cambria, Font colour: black, Font size: 24-26
- ✚ Keep it simple; avoid jargons like pictures, videos or links etc
- ✚ PPTs to be emailed at papiyaupadhyay19@gmail.com for upload in the LMS after the live sessions.

Sd/-

Prof. S. K Sarkar
HoD, SoE, NSOU



Dr. A. N Dey
Director, SoE, NSOU

Sd/-

Dr. Papiya Upadhyay
Asst Prof of Education
SoE, NSOU

Copy Forwarded for necessary information to:

1. Concerned Faculties
2. The Director, CIQA, NSOU

3. E.S to the Hon'ble V.C., NSOU