



# NETAJI SUBHAS OPEN UNIVERSITY

## SCHOOL OF SCIENCES

H.Q.: DD-26, Salt Lake, Sector-I, Kolkata - 700 064

City Campus: K-2, Bidhannagar Fire Station, Sector- V, Salt Lake, Kolkata -700 091

Kalyani Campus: First Floor, Academic Building, Kalyani Ghoshpara, Kalyani - 741235

Website: [www.wbnsou.ac.in](http://www.wbnsou.ac.in)

Memo No: SoSci/ 1718

16.07.2021

### **NOTICE for Ph.D. course work on *Quantitative and Computational Method***

For Ph.D. Students (enrolled in 2020-21 session)

This is to inform that the University is going to arrange the Ph.D. course work in online mode for the part “*Quantitative and Computational Method*” for the students who have enrolled for the course in 2020-21 session. It is to be noted that this online course work is mandatory for each scholar and hence it is advised to the scholar to attend the course work as per the schedule given in **Annexure-1** (in page 3). The scholars are requested to follow the guidelines given below.

- Each participant need to arrange a computer (preferably) or a smart phone and the internet connectivity to complete the coursework.
- A google classroom link will be shared to the participants in their email. All the supplementary materials will be communicated through that classroom. Check the e-mail to register the classroom.
- The google meet link will be shared before the class to the e-mail.
- The duration of each lecture will be of 1 hour.
- Due to any emergency, University authority may change the schedule of the program. The students are advised to follow the classroom announcement/website/e-mail on a regular basis.
- Scholars of following schools will be participated in the course work:
  1. School of Education (**SoE**)
  2. School of Humanities (**SoH**)
  3. School of Sciences (**SoSci**)
  4. School of Social Science (**SoSS**)
  5. School of Professional Studies (**SPS**)

Participants should follow the schedule of the class given in Annexure-1(in page 3) and attend the class in their respective slots (marked in green)



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- For any query/questions contact to following email-id [phdqcmcw2021@gmail.com](mailto:phdqcmcw2021@gmail.com)

Sd/-

Mr. Mrinal Nath

**Assistant Professor of Computer Science**

Sd/-

Prof. Kajal De

**Director, School of Sciences**

- Copy to:
1. Registrar with a request to upload the notice in NSOU website
  2. Directors of the Schools of Studies concerned
  3. Faculties of SoSci concerned
  4. E.S. to V.C.

Mr. Mrinal Nath

**Assistant Professor of Computer Science  
School of Sciences, NSOU**

Prof. Kajal De

**Director, School of Sciences  
NSOU**



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### Annexure – 1 School wise Schedule

| Lecture No | Schools →<br>Topic ↓  | SoE | SoH | Geography | SoSci (Other than Geography) | SoSS | SPS | Date                              |
|------------|---|-----|-----|-----------|------------------------------|------|-----|-----------------------------------|
|            |   |     |     |           |                              |      |     |                                   |
| 1          | MS Word, Tables, Graphs, Clip Arts, MS Excel, MS Power Point, Making PDF files, Conversion, Multimedia Application in Research. ICT Applications. | Yes | Yes | Yes       | No                           | Yes  | Yes | 25 <sup>th</sup> July             |
| 2          | Academic and Research content on The Web: Online Journals, research Blog and Professional Forum. Checking Plagiarism.                             | Yes | Yes | Yes       | Yes                          | Yes  | Yes | 14 <sup>th</sup> August           |
| 3          | Overview and use of SPSS software   | Yes | No  | Yes       | No                           | Yes  | Yes | 29 <sup>th</sup> August           |
| 4          | Probability Theory  | No  | No  | No        | Yes                          | No   | No  | 2 <sup>nd</sup> Week of September |
| 5          | Sampling Distribution   | No  | No  | No        | Yes                          | No   | No  | 3 <sup>rd</sup> Week of September |
| 6          | Principle of Statistical Inference  | No  | No  | No        | Yes                          | No   | No  | 4 <sup>th</sup> Week of September |
| 7          | Correlation and Regression Analysis using SPSS and python   | No  | No  | No        | Yes                          | No   | No  | 1 <sup>st</sup> Week of October   |
| 8          | Polynomial Curve Fitting  | No  | No  | No        | Yes                          | No   | No  | 2 <sup>nd</sup> Week of October   |
| 9          | Factor Analysis   | No  | No  | Yes       | Yes                          | No   | No  | 2 <sup>nd</sup> Week of November  |

N.B. For all topics the tool will be used either python (preferably) or R unless mentioned any other tool for the topic.