



UGC-HUMAN RESOURCE DEVELOPMENT CENTRE
KURUKSHETRA UNIVERSITY KURUKSHETRA
(Established by the State Legislature Act XII of 1956)
(‘A+’ Grade, NAAC Accredited)

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ANNOUNCEMENT

The UGC-Human Resource Development Centre, Kurukshetra University, Kurukshetra invites the applications for participation in for participation in 2-week online Refresher Course in **Computational Social Science** scheduled from 01-02-2021 to 13-02-2021. As per the UGC notification, all the programmes allotted to the HRDCs will be done through online mode of delivery. The teacher-participants are requested to apply through proper channel on the prescribed Application Form and send by e-mail (ugcasc_kuk@yahoo.co.in) at the earliest. The link for online submission of Application Form is <https://forms.gle/M1NRVFKCCBYBA2s8>

DIRECTOR

CONTENTS TO BE COVERED IN THE REFRESHER COURSE IN
COMPUTATIONAL SOCIAL SCIENCE COMMENCING FROM
01-02-2021 TO 13-02-2021

1. Computational Social science: An Introduction
2. Data Simulation in Social Science
3. Social network Structures
4. Social complexity: measurement and laws
5. Lessons and Challenges in Computational Social Science
6. Cloud Computing: Concepts and Applications
7. Data Quality in Social Science Research
8. Qualitative Methods for Social Research
9. Designing and Selecting Samples
10. Reporting and presenting Qualitative Data
11. Statistical inference in Social Science research
12. Parametric Tests Using SPSS
13. Non parametric Tests using SPSS
14. Using SPSS for Social Science Computing
15. Questions and Hypotheses
16. Q -Analysis applied to Social Science
17. Agent Based Modeling
18. Factor Analysis using SPSS
19. Cluster Analysis using SPSS
20. Content Analysis
21. Discriminate Analysis using SPSS