



**Department of Education**  
**Guru Ghasidas (A Central University) Bilaspur (C. G.)**  
**ICSSR Sponsored 10 Days Online Research Methodology Course**  
**on**  
**Quantitative Research Methods and Use of Statistical Software**  
**for Social Science Researchers (from 13<sup>th</sup> December 2021 to 24<sup>th</sup> December 2021)**

## **Information Brochure**

### **About The University**

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Guru Ghasidas Vishwavidyalaya, the only Central University of the state, is situated in a socially and economically challenged area and is appropriately named after great Satnami Saint Guru Ghasidas, who championed the cause of the downtrodden and waged a relentless struggle against all forms of social evils and injustice prevailing in the society. The University is providing quality higher education and research to socially and economically challenged youths of the region. It is spread over about 655 acres of land. Having more than 8000 students and research scholars on roll, it conducts more than 62 demand-driven courses in 32 departments under 11 Schools of Studies in addition to the National Centers for Endangered Languages, HRDC, and Accelerator-Based Research (NCAR). The university is blessed to be in a region having magnificent social and cultural heritage, especially the tribal traditions and practices, wonderful legacy of the inherent intellect, and a rich biodiversity.

### **About the Department**

The Department of Education currently offers the Two-Year Programmes viz., B.Ed., B.Ed. Special Education (Hearing Impaired), B.Ed. Special Education (Learning Disabilities) and M.Ed. along with the Direct Ph.D. programmes. Since its inception in 2007, the Department of Education is committed to bring out the best potentials of its students to develop them as empowered and envisioned leaders of Indian Education. The Department possesses a team of able and sensitive teachers, striving to promote among the prospective teachers and the teacher educators– a high standard of knowledge, professional skills, cultural understanding, social responsibility and synergistic progress within a truly multicultural educational environment. It offers state-of-art curricula incorporating the modern thoughts in the field of teacher education. It also provides sensitization regarding the need, value and place of teaching professionals through ample practical experiences. All the educational experiences are designed to develop competence to face the placement market and to get through competitive examinations. A significant number of our students have qualified the competitive examinations like, CTET, State specific TETs, NET and SLET in the foregone sessions, and also join the respected profession of nation building. The department is known for its discipline and student-friendly environment providing excellent technological facilities, quality knowledge

resources (a rich library, internet facilities as well as regular seminars, workshops, community programmes and other co-curricular experiences) and potent research experiences.

### **About the Research Methodology Course**

Research and teaching are key pillars in higher education. Improvement in the quality of research can be done through capacity building of the researcher who is involved in the process of research. Research methodology courses for the researcher are meant to impart and train them with the necessary tools and networks resulting in better chances for producing substantial and excellent research outputs in their discipline and for the betterment of human society. Through this course, the Department of Education will improve the researchers, research, and data analysis skills with the help of statistical software for the research scholars. This program is designed to support the researchers in playing a more regular and effective role in policy-making. It also pays special attention to skills gaps in the process of data analysis and research and publication ethics.

### **Objectives of the Program**

The objectives of the proposed Research Methodology Course are to provide training to the M Phil/Ph. D./PDF scholars and develop their skills of data analysis, data visualization, utilisation statistical software for their data analysis, and targeting the quality of journals for publication of the research scholars. This course aims to enhance the methodological and writing skills of the M Phil/Ph D/PDF scholars and develop their potential as future academicians/social science researchers.

**Learning Outcomes of the Course:** By the end of the program, it is expected from the participants that they will be able to:

- LO1** Select appropriate Statistical Software for the data analysis.
- LO2** Utilize available open-source software for their data analysis.
- LO3** Conduct exploratory factor analysis of their data set.
- LO4** Conduct confirmatory factor analysis of their data set.
- LO5** Perform Multivariate analysis of their Data Set.
- LO6** Perform Structural Equation Modelling of their data set and discuss the results.
- LO7** Select appropriate journals for publication and are able to handle the whole publication process.
- LO8** Analyse, visualize, and test the hypothesis with the help of SPSS software.
- LO9** Follow the ethical guidelines during the process of research and publication.

### **Mode of the Programme**

The programme will be fully online and no travel or physical presence at the organizing university will be required. Resource persons and participants will have scholarly interaction and discussion through google meet. Different topics of research methodology shall be taught through different pedagogical tools like lectures, hands-on training on computer software and assignments will be allotted to the participants. The examination will be made through an online assessment tool.

### **Resource Person:**

The resource persons are drawn from NIT, IIT, Central Universities, State Universities of India & affiliated colleges.

### **Duration of the Programme**

The Research Methodology Course is scheduled to be held from 13<sup>th</sup> December 2021 to 24<sup>th</sup> December 2021. There shall be no off days /holidays during the programme except on 18<sup>th</sup> and 19<sup>th</sup> December 2021.

### **Evaluation of the Participants Skill/Learning**

The Learning of the participants shall be evaluated on a multidimensional scale during the 10 Days Research Methodology Course based on which they shall be awarded the certificate.

### **Eligibility for the Programme**

The Research Methodology Course is intended for social sciences research scholars and the research scholars of UGC recognized Indian Universities/Deemed University/College of National Importance and ICSSR Research Institutes. M.Phil/Ph.D./Post-doc scholars are eligible for the course.

### **Workshop Sessions and Timing:**

#### **There will be three sessions in each day (Total 30 Sessions)**

10:00 A.M – 11:30 am, 12.00 noon to 1:30 pm and 2:30 pm to 4:00pm

**Registration Fee:** There is no registration fee for the Workshop.

**Number of Seats:** The number of seats is limited to 50 (Fifty) {(30 Outstation +20 local)} only Workshop Mode

**Mode of Delivery:** Live Sessions through Google Meet.

**Attendance:** The programme will have 30 sessions for 10 days without any holiday except 18<sup>th</sup> and 19<sup>th</sup> December 2021. Attending all 30 sessions is mandatory for participants failing which will be automatic termination from the workshop and automatically disqualifying from getting a Participation Certificate.

### **Participation e-Certificate**

e-Certificate will be issued to the participants after full attendance in the course.

### **Address for applying**

Please send your duly filled application form along with other supporting documents to the email address. [icssrcbt202122@gmail.com](mailto:icssrcbt202122@gmail.com)

### **Important Dates:**

Last date of application form submission (through email) : 10/12/2021

Intimation of selected candidates (through email): 11/12/2021

Confirmation by selected candidates (through email): 12/12/2021 (Before 01:00 PM)

Intimation of selection of Waitlisted candidates (through email): 12/12/2021.

Intimation of candidates regarding the schedule and other requirements (through email): 12/12/2021

## **PROGRAMME ADVISORY COMMITTEE**

Chief Patron

**Prof. Alok Kumar Chakrawal**

Hon'ble Vice-Chancellor, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

Patron

**Prof. Shailendra Kumar**

Registrar (Acting), Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh (C. G.)

Co-Patron

**Prof. V. S. Rathore**

Dean, School of Studies of Education,  
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

## **PROGRAMME ORGANIZING COMMITTEE**

**Dr. Sujeet Kumar Mishra**

Head & Associate Professor, Department of Education,  
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

**Dr. C. S. Vazalwar**

Associate Professor, Department of Education,  
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

**Dr. Sambit Kumar Padhi**

Assistant Professor, Department of Education,  
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

**Dr. Jyoti Verma**

Assistant Professor, Department of Education,  
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

### **CONTACT FOR ASSISTANCE**

**Dr. C. S. Vazalwar (Course Director): 9425223875**

**Dr. Sambit Kumar Padhi (Programme Coordinator): 9406212458**

**Dr. Jyoti Verma (Co-Course Director): 9977293393**

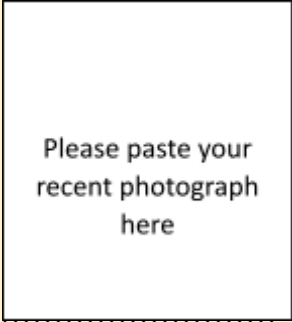


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**Registration Form**

**Personal Information:**

1. Name:.....
2. Category: SC/ST/OBC/EWS/PH/UR: .....
3. Gender: .....
4. Date of Birth: .....
5. Correspondence Address.....  
.....
6. Mobile.....
7. Email Address: .....
8. Educational Qualification:.....
9. Whether NET/JRF/SET: .....
10. Enrolled in the Ph.D. (Subject):.....
11. Ph.D. Status: Enrolled/Registered/Submitted.....
12. Date of registration ( if registered).....
13. Title of the Ph.D. thesis.....
14. Name/Address of Research Institute/University/College.....
15. Whether you ever attended any training programme / Research Methodology Course, if yes then please give details:.....



**Declaration by Applicant**

I hereby solemnly declare that the particular furnished above are true and complete to the best of my knowledge and belief. I will submit/attach the scanned copy of duly filled and recommended application form, caste/category certificate (if applicable), and attached the copy of the previously attended research methodology/capacity building course if any. Also, submit expected benefits from attending the programme within 400 words. The all above documents are sent to the email address [icssrcbt202122@gmail.com](mailto:icssrcbt202122@gmail.com). Further, I have gone through the information brochure & shall abide by the rules and regulations of the programme.

Date: ...../...../.....

**Signature of the Applicant**

**Format for Recommendation Letter**

(In Letter head of the Institution)

I recommend Mr./Ms. .... Research Scholar  
.....( Name of the Department &  
Institution Full Name) for ICSSR Sponsored 10 Days Online Research Methodology Course on  
Quantitative Research Methods and Use of Statistical Software for Social Science Researchers to be  
organised by Department of Education, Guru Ghasidas Vishwavidyalaya ( A Central University), Bilaspur,  
Chhattisgarh from 13<sup>th</sup> December 2021 to 24<sup>th</sup> December 2021. She/he will be relieved/allowed for the  
duration of the programme in order to participate in the programme, if selected.

Date:...../...../.....

Place:

**Recommendation of Supervisor**

**Recommendation of Head**