Course Name: National Student Development Program (30 hrs)
on Research Analytics
Date: 14th July, 2021 – 20th July, 2021

Course Outline/Syllabus/Curriculum:

Module 1: (5hrs)

- Overview of Research:
    - Definition of Research
    - Research Process
        - Statement Of the Problem
        - Generating a Hypothesis
        - Review of the literature
        - Measurements, Sample, Instrumentation, Data Analysis
        - Conclusion.

Module 2: (5hrs)

- Literature Review:
    - What is a Literature Review?
    - Objectives of Literature Review
    - Why write a Literature Review?
    - Key points to remember
    - The structure of a literature review and How To do a literature review?

Module 3: (5hrs)

- Conducting Research:
    - How to conduct a Research :-
        - Identify and develop your topic
        - Do a preliminary search for information
        - Locate materials
        - Evaluate your sources
        - Make notes
        - Cite your sources properly
        - Proofread.

Module 4: (5hrs)

- Data Analysis:
    - What is data analysis in research?

- Why analyze data in research?
- Types of data in research
- Data analysis in qualitative research
- Data analysis in quantitative research and Considerations in research data analysis.

Module 5: (5hrs)

- Presenting the Findings:
  - How to present Research findings :-
    - Know your audience in advance
    - Tailor your presentation to that audience
    - Highlight the context, Policy or Practice recommendations
    - Include recommendations that are actionable
    - Time and practice what you do, Avoid Power pointlessness and Visualize your data.

Module 6: (5hrs)

- Ethics in Research and Getting the Research Published:
  - Definition of research ethics
  - Principles and Importance of Research Ethics
  - How to get the research published?
  - How to get the research noticed?

ASSESSMENT PROCEDURE:

The session's assessments were completed through practice tasks that involved a thorough review of past research papers, the discovery of solutions to specific questions, and the creation of a basic hypothesis for the same. Participants were also given an e-toolkit to help them succeed in doing the same.

SUMMARY REPORT WITH OUTCOME:

Research is the creation of new knowledge, and to assist future researchers in conducting their research efficiently, a one week National Student Development Program (30 hrs) on Research Analysis was made available to scholars from all disciplines. The course was led by renowned professors from Shyam Lal College, who shared their knowledge, self-taught tips, and their own presentations, all of which were designed to make concepts more clear. All of the knowledge from the fundamental to the advanced levels was clearly shared with the participants assisting them in laying the groundwork for various research areas that they are interested in conducting in the future.

Student Development Programme on Research Analytics(30 hrs) under project VISTAR from 14/7/2021 to 20/7/2021

In the times of pandemic, the initiative to bind up the students with the roots of their skills and to impart new knowledge to them was taken into consideration by Centre for Skill Development (CSD). For this purpose the Centre for Skill Development in collaboration with IQAC of Shyam Lal College , University of Delhi organized a one week National Student Development Program on Research Analytics (30hrs) under project VISTAR from 14/7/2021 to 20/7/2021 under the guidance of Prof. Rabi Narayan Kar, principal Shyam Lal College. This course was done under the leadership of Dr. Kavita Arora, Convenor of CSD and support of Dr. Kusha Tiwari, Coordinator of IQAC. This 30 hrs course was completely covered by the talented faculty members of Shyam Lal College. The speakers of the sessions were Dr. Kavita Arora, Dr. Kusha Tiwari, Dr. Gayatri Chaturvedi, Dr.Seema Dabas, Ms. Sumanjeet Kaur, Dr. Kinshuk Majumdar, Dr. Komilla, Mohd. Sajid , Dr. Ritu Aggarwal. 68 students enrolled in this course. All the knowledge from basics to advance levels regarding the research methodologies was provided to students. The deliberations in the course proved to be a foundation stone for the students who are interested in research areas.

SLC (University of Delhi)

SHYAM LAL COLLEGE

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Centre For Skill Development

Centre for Skill Development & IQAC

present

RESEARCH ANALYTICS

NATIONAL STUDENT DEVELOMENT PROGRAMME FOR 30 HOURS

Under Project VISTAR

(VIRTUAL INITATIVE FOR SKILL TRAINING AND RECOGNITION)

Modules to be Covered:

- Overview of Research
- Literature Review
- Conducting Research
- Data Analysis
- Presenting the Findings
- Ethics in Research & Getting the Research Published

From 14TH JULY, 2021
To 20th JULY, 2021

Limited seats | *Eligibility- UG & PG Students of any College/University.
Link - bit.ly/csdrmws | E-Certificates will be provided to all the participants.

Faculty Organising Team:

DR. GAYATRI CHATURVEDI, DR. KINSHUK MAJUMDAR, DR. SEEMA DABAS
DR. KOMILLA SURI, DR. RITU AGGARWAL, MOHD. SAJID, MS. SUMANJEET

Student Team:

NEHAKSHI, KAMRAN, SIDDHARTH, JASMINE, BHARAT, AYUSH, YASH RAWAT
BHAVIKA, GOVIND, NIKITA, SONIA, SHRUTI, YASH GAUTAM

Dr. Kavita Arora
Convenor, CSD

Dr. Kusha Tiwari
Coordinator, IQAC

Prof. Rabi Narayan Kar
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