

Indira Gandhi Delhi Technical University for Women



Organises

**A One-week online AICTE Training
and Learning (ATAL)**

**Faculty Development Program
(FDP)**

on

Research Methodology

26-30 July, 2021



Jointly Organised

by

Department of Management

and

**Department of ASH
IGDTUW**

Opp St. James Church, New Church Road,
Kashmere Gate, Delhi-110006

www.igdtuw.ac.in

About ATAL Academy

AICTE Training and Learning (ATAL) Academy is established with the vision "To empower faculty to achieve goals of Higher Education such as access, equity and quality". ATAL academy conducts a series of workshops in thrust areas identified by AICTE.

About IGDTUW

Indira Gandhi Delhi Technical University for Women (IGDTUW) was established by the Govt. of Delhi in May 2013 vide Delhi State Legislature Act 9, 2012, as a non-affiliating teaching and research University at Delhi. The aim of the University is to facilitate and promote studies, research, technology, innovation, incubation and extension work in emerging areas of professional education among women, with focus on Engineering, Technology, Applied Sciences, Architecture and Management.

Department of Management

University has started the Department of Management under the Faculty of Business Studies in 2019. The Department of Management has the vision to be recognized as a center of excellence in management education globally by imparting a cross-functional perspective to develop future women leaders and women entrepreneurs who can manage effective business organizations. To meet the challenges of a dynamic business environment we equip young women with the right blend of theoretical and practical business management knowledge. The Department offers a three-year full-time BBA and a two-year full-time MBA programme.

Department of Applied Sciences and Humanities

A strong high-rise building can be built only on a strong foundation, which signifies the importance of the Department of Applied Sciences. The objective of the Department is to prepare and train the first-year B. Tech students in Physics, Chemistry, Mathematics, and Communication skills with an applied approach. The Department offers a Doctorate Programme in the field of Applied Sciences. The department has two well-equipped laboratories of Applied Chemistry/ Environmental Studies and Applied Physics with trained staff.

Chief Patron

Dr. (Mrs) Amita Dev
Vice-Chancellor, IGDTUW

Patron

Prof. Ashwini Kumar
Pro Vice-Chancellor, IGDTUW

Co-Patron

Prof. R. K Singh
Registrar, IGDTUW

Coordinator

Prof. Shalini Arora
HOD, Management, IGDTUW

Co-coordinator

Prof. Chhaya Ravikant
HOD, ASH, IGDTUW

Organizing Team

Dr. Dhanjay Yadav
Dr. Geeta Sachdev
Dr. Shikha Gupta
Ms. Bharti Seth

Important Information

- The faculty members of the AICTE approved institutions, research scholars, PG students, participants from Government, industry (Bureaucrats/ Technicians, etc.).
- The FDP will be conducted in online mode.
- Participants to ensure a high-quality internet connection.
- Course Registration is free for all participants.
- The selection of the participants would be on the basis of first come first serve due to limited seats.
- Shortlisted candidates will be informed via email.
- Towards the end of the course, a quiz-based assessment of all participants will be conducted. Those who have an attendance of a minimum of 80 % and score more than 60% in the assessment will be issued a digital certificate by the ATAL Academy.

Registration Guidelines

- There is no registration fee.
- Registration of participants will be done through the webpage: <https://www.aicte-india.org/atal>
- Interested people are encouraged to apply at the earliest possibility.
- Maximum 30 % of the participation shall be allowed for IGDTUW (faculty, PG students and research scholars).

Course Outcome

At the end of the Faculty Development Program, the participants will be able to understand:-

- the basics of research and the research process,
- how to develop/design a research problem,
- how to apply basic principles and knowledge found in the literature related to the research problem,
- how to conduct the research work and formulate the research synopsis and report.

Course Content

- Introduction to Research
- Research Design, Data Measurement
- Research Problem, Formulation of Hypotheses and Objectives
- Introduction to SPSS - Data Input and Descriptive Statistics, Graphs
- Questionnaire designing, Data Collection
- Sampling: Types and Size
- Hypothesis Testing: Parametric Tests & Non-Parametric Tests
- Correlation vs Regression
- Multiple Regression
- Factor Analysis
- Cluster Analysis
- Discriminant Analysis
- Literature Review in Research Writing, Ethics in Research and Plagiarism Check

Important Dates

Last date of Online Registration: July 15, 2021.
Confirmation to Participants: July 20, 2021
(On or Before)

Resource Persons

- Dr. (Mrs) Amita Dev, VC IGDTUW
- Prof. Rajan Yadav, DTU
- Prof. U Dinesh Kumar, IIM Bangalore
- Dr. Agrima Bhasin
- Dr. Anirban Sengupta, IIT Indore
- Dr. Anil Behal
- Dr. Dhanjay Yadav, IGDTUW
- Dr. Meghna Goswami
- Dr. Narinder Pal Singh, GGSIPU
- Dr. Prabhat Mital, Univ. of Delhi.
- Dr. Prateek Bedi
- Dr. Shikha Gupta

**For further information
please contact**

Prof. Shalini Arora

HOD, Management
IGDTUW

fdpmgmt@igdtuw.ac.in