



**BABU BANARASI DAS**  
**INSTITUTE OF TECHNOLOGY AND MANAGEMENT**  
(Recognized by AICTE, Govt. of India & Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow)  
AKTU College Code-054

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**Event Report**  
**on**  
**Research Methodology**

**BBDITM** cordially Invites you all to an **Online Workshop** On the Topic **Research Methodology**

**Our Speaker:**  
**Dr. Preeti Mishra**

**Online Platform: Zoom Meetings**  
**Organised By CSE Department in Association with IP Cell**

**Convener:**  
**Dr. Anurag Tiwari (HoD, CSE)**

**Co-Conveners:**  
**Mr. Rudrendra Bahadur Singh (Chairman, IPC)**  
**Ms. Anika Bisht (Assistant Professor, BBDITM)**

**Organizing Committee:**  
Dr. Diwaker Yagaysen  
Mr. Anil kr Pandey  
Mr. Shashwat Shukla  
Ms. Ankita Agarwal

**Date: 17th August, 2022**  
**Timing: 10:30am - 11:30am**

## Workshop on “Research Methodology”

### 1. Brief Description:

One day online Workshop entitled “**Research Methodology**” on August 17th 2022 for the students of B.Tech CSE under the supervision of Dr. Anurag Tiwari (Head CSE), Prof. Rudrendra Bahadur Singh & Ms. Anika Bisht (Co-convener) and Committee Members (Dr. Diwaker Yagayasen, Mr. Anil Kumar Pandey, Mr. Shaswat Shukla, Mrs. Ankita Agarwal).

The objective of the session was an initiative to demonstrate students about the importance of “Research Methodology”. Eminent speaker Dr. Preeti Mishra motivates and illustrated students by sharing her research work and experience.

2. **Program Date:** 17<sup>th</sup> August, 2022.

3. **Venue:** Virtual Platform (Zoom Meetings)

4. **Recourse Person: Dr. Preeti Mishra**, who is a Doctorate in Economics from Central University of Allahabad, Prayagraj, MA (Economics) Central University of Allahabad, Prayagraj, UGC NET in Economics and Diploma in Data Science and from IIIT Allahabad. She is currently working as Associate Professor with Department of Management BBDITM Lucknow. She is President of Institution of Innovation Council BBDITM, Coordinator of ED Cell ELITE , Member of Research Advisory Panel of Vishwakarma University Pune Maharashtra, Currently guiding 6 PhD scholar 2 From AKTU 3 from Starex University Gurugram and One Amity University Noida, 2 Phd awarded under her supervision.

4. **Target Group:** Computer Science & Engineering department.
5. **Students Strength:** 89
6. **Program Schedule (Session wise)**

### Program Outline

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

### INTERACTIVE SESSION ON

## “Research Methodology”

### Minute to Minute Schedule of the Event

On 17<sup>th</sup> August, 2022

S#	DURATION	START TIME	END TIME	PROGRAM DETAILS
1.	5 Minutes	10:30 AM	10:35 AM	Welcome of Eminent Speaker by Ms. Anjali Srivastava
2.	5 Minutes	10:35 AM	10:40 AM	Brief Introduction of eminent speaker <b>Dr. Preeti Mishra</b>
3.	45 Minutes	10:40 AM	11:25 AM	Talk by speaker Dr. Preeti Mishra
6.	5 Minutes	11:25 AM	11:30 AM	Vote of Thanks to Dr. Preeti Mishra

### 7. Proposed Name of Faculty Coordinators:

1. Dr. Anurag Tiwari (Convener, HOD-CSE)
2. Co-Convener  
Mr. Rudrendra Bahadur Singh  
Ms. Anika Bisht
3. Committee Members:  
Dr. Diwaker Yagayasen  
Mr. Anil Kumar Pandey

Mr. Shaswat Shukla  
Mrs. Ankita Agarwal

**8. Summary of the event:**

To achieve the aim of **Importance of Research**, Computer Science & Engineering Department with IP Cell , BBDITM, Lucknow organized an Interactive one day online workshop on the topic “**Research Methodology**” on August 17th 2022 for the students of B. Tech CSE under the supervision Dr. Naveen Prakash (Convener; Professor and Head CSE), Prof. Rudrendra Bahadur Singh & Ms. Anika Bisht (Co-convener) and Committee Members (Dr. Diwaker Yagayasen, Mr. Anil Kumar Pandey, Mr. Shaswat Shukla, Mrs. Ankita Agarwal).

The objective of the session was an initiative to motivate students about the importance of Research, how to conduct a good research, How to find research gap, types of research etc. Eminent speaker motivates and illustrated students by sharing her research work and experience.

**Key points of the session are as:**

1. Overview of research methods
2. Distinction between quantitative & qualitative research
3. Types & applicability of different research methods
4. Questionnaire
5. Sampling
6. Data Analysis and Report Making and Plagiarism

She also has given direction to the students to do research related work on the same for the future aspects.

Students and Faculty members participated enthusiastically and attended the session. Students benefitted a lot with active participation in session.

**Outcome of the event:** After the completion of workshop, Students must be able to:

1. Understand the basics of research methodologies.
2. Analyze how to conduct good research and importance of research

## 9. Event Photographs:

This screenshot shows a Zoom meeting window displaying a PowerPoint presentation. The slide is titled "CATEGORIES OF RESEARCH METHODS" and lists three categories: Quantitative, Qualitative, and Mixed Methods. The Quantitative category includes bullet points about measuring prevalence, verifying hypotheses, and using large samples. The Qualitative category includes bullet points about exploring themes, developing theories, and using smaller samples. The Mixed Methods category includes a bullet point about combining both qualitative and quantitative approaches.

**CATEGORIES OF RESEARCH METHODS**

Research methods are broadly distinguished between the following categories:

- Quantitative**
  - Measure prevalence of issues, verify hypotheses and establish causal relations between variables
  - Large samples, structured data collection, and predominantly deductive analysis
- Qualitative**
  - Explore and discover themes, develop theories, rather than verify hypotheses and measure occurrences
  - Smaller samples, semi-structured data collection, Inductive analysis
- Mixed Methods**
  - Combines both qualitative and quantitative to (1) collect and analyse both types of data and (2) use both approaches in tandem

This screenshot shows a Zoom meeting window displaying a PowerPoint presentation. The slide is titled "DIFFERENCES BETWEEN QUANTITATIVE & QUALITATIVE RESEARCH" and contains a table comparing the two research methods based on three criteria: Type of data collection, Type of analysis, and Type of sampling strategy.

**DIFFERENCES BETWEEN QUANTITATIVE & QUALITATIVE RESEARCH**

Distinction between the two can be made based on the following three criteria:

	Quantitative	Qualitative
1. Type of data collection	Structured, close-ended data collection tools	Semi-structured (but not unstructured) data collection tools
2. Type of analysis	Measuring prevalence, quantifying issues, and primarily involves deductive analysis	Exploratory, and primarily involves inductive analysis
3. Type of sampling strategy	Can use both probability or non-probability sampling → generalisation to the wider population possible	Non-probability sampling → generalisation to the wider population not possible

Research Methodology - PowerPoint

preeti mishra

File Home Insert Draw Design Transitions Animations Slide Show Record Review View Help Tell me what you want to do Share

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RESEARCH METHODOLOGY

By Dr Preeti Mishra

RESEARCH

Click to add notes

Slide 1 of 59 English (India) Accessibility: Investigate Notes Comments 62%

Anika Bisht

Anjali Srivastava

Ankit Rai

Devendra Kuma...

Devendra Kumar Upadhyay

Zoom Meeting - 40-Minutes

Anika Bisht Anjali Srivastava Ankit Rai Rudrendra Baha... Anika Agarwal

Unmute Start Video Participants Chat Share Screen Record Reactions Apps Whiteboards Leave

22°C Cloudy 10:38 17-08-2022

## 10. Published News in Media:

**Social Media Link:**

**Meeting link:**

<https://us05web.zoom.us/j/88129563343?pwd=ZTMrUy9JaTRqL052SmJpMHV4TEZlQT09>

**Registration Link:** <https://forms.gle/bue75tFjdu3AEnok9>

**Published News:**

# स्टेट, नेशनल व इंटरनेशनल स्तर पर करें रिसर्च: डॉ. प्रीति मिश्रा वीवीडी आईटीएम में रिसर्च मेथोडोलॉजी विषय पर कार्यशाला आयोजित

बहिष् संवाददाता (vcl)

लखनऊ। रिसर्च एक गंभीर विषय है जिसपर सभी छात्रों और शिक्षकों को ध्यान देने की आवश्यकता है। रिसर्च मेथोडोलॉजी की महत्त्व के सन्दर्भ में वीवीडी आईटीएम के कंप्यूटर साइंस विभाग ने आई पी एवं आई आई सी के सहयोग से एक कार्यशाला का आयोजन किया। जिसका विषय रिसर्च की विधि और जुड़े हुए तथ्य रहे। कार्यक्रम का आयोजन वीवीडी एनुकेशनल ग्रुप की चेयरपर्सन श्रीमती अलका दस गुप्ता

एवं प्रिंसिपल विराज स्वर्ण दास के बीच आयोजित से हुआ।

कार्यक्रम का शुभारंभ आईटीएट के निदेशक डॉ एस एस चौहान ने कन्वेंशन डॉ. नवीन प्रकाश एवं रंजित कुमार सिंह व अन्विका विष्ट की उपस्थिति में किया। कार्यक्रम की मुख्य वक्ता डॉ. प्रीति मिश्रा ने रिसर्च मेथोडोलॉजी की परिभाषा से जुड़े सवालों को प्रतिभागियों से साझा किया और इसके अर्थ को समझाते हुए रिसर्च के प्रकार और इससे जुड़े तथ्यों को ज्ञान। रिसर्च में संग्रहित डेटा का किस प्रकार से स्थानांतरण और निर्यादन करें और परिणामित डेटा से

उद्देशित जानकारी का किस प्रकार निस्तारण करें और अपनी रिसर्च में किस प्रकार से शामिल करें। रिसर्च स्टडी का उदाहरण देते हुए किस प्रकार से एक डिस्ट्रिक्ट स्टेट, नेशनल एंड इंटरनेशनल लेवल की रिसर्च का नेतृत्व करें, मुख्य विषय रहा।

रिसर्च में मौजूद कठिनाई का किस प्रकार निवारण करें और निस्तारित किए हुए डेटा को किस प्रकार प्रमाणित करें, इसपर विस्तार से चर्चा की गयी। प्रतिभागियों ने रिसर्च से जुड़े हुए चरणों को समझा और वह ज्ञान किस प्रकार सभी चरणों को पूर्णतः प्रदान

करें। कार्यक्रम के मुख्य विषय रिसर्च स्टडी, रिसर्च के प्रकार, उदाहरण, सैपलिंग, सैपलिंग के प्रकार, एर मेजरमेंट, सैपलिंग क्रैम आदि रहे। कार्यक्रम में सदस्यों ने सकल जवाब और विचार विमर्श में बहुरूप के हिस्सा लिया। अंत में आईआईसी कनवीनर डॉ प्रीति मिश्रा ने सभा से रिसर्च की आवश्यकता का महत्त्व साझा किया और नये आईआईसी को समाज में प्रस्तुत करने का प्रोत्साहन दिया। इसी प्रकार कंप्यूटर साइंस विभाग, आईपी, आईआईसी एवं इंजीनियरी के सदस्यों के साथ कार्यक्रम का समापन हुआ।

## 11. Feedback of the Event:

### **FEEDBACK REPORT**

<b>Department Name:</b>	CSE	<b>HOD NAME:</b>	Dr. Anurag Tiwari
<b>Name of Event:</b>	Workshop on " <b>Research Methodology</b> "		
<b>Date of Event:</b>	17 <sup>th</sup> August, 2022		
<b>Place of Event:</b>	Online (Virtual Platform)		
<b>No. of Participants:</b>	89		
<b>Coordinator Name:</b>	1. Dr. Anurag Tiwari (Convener, HOD-CSE) 2. Co-Convener: Mr. Rudrendra Bahadur Singh Ms. Anika Bisht 3. Committee Members: Dr. Diwaker Yagyasen Mr. Anil Kumar Pandey Mr. Shashwat Shukla Mrs. Ankita Agarwal		

**Attendance-**



Close

Participants (35)

Search

- AP Aviral Pandey BBDITM (me)   >
- IB IIC-EDC BBBDITM (Host)    >
- AK AVINASH KUMAR SINGH   >
- AK Abhishek Kevin Gomes   >
- AM Abhishek Mishra   >
- AS Adeeba Siddiqui   >
- AS Aditi singh bbditm   >
- AP aman pandey   >
- A Anurag Singh BBDITM   >
- BP BBDITM Prashant Tiwari   >
- BR BBDITM Rajshree Jaiswal   >
- BH BBDITM- Hritik Srivastava   >
- BP BBDITM- Pragati Srivastava   >
- S BBDITM— SABA WASEEM   >
- BC BBDITM-Abhishek Chaubey   >
- BP BBDITM.....Divya Pandey   >
- DP Dr Preeti Mishra   >
- DP Dr Preeti Mishra   >
- DP Dr.Neha Pandey BBDITM   >
- E Ekta Chaudhary (BBDNITM)   >
-  Ishu Srivastava   >
- KM K Mishra   >
- PC Pradeep Chaudhary   >
- RS Rishabh Srivastava BBDITM   >
- RT Ruchi Tripathi ,MBA BBDITM   >
- SK Sachin Kumar  >
- SB Shiva Bhatnagar BBDITM.   >
- SS Shriti Sinha   >
-  Shubhang Arya   >
- TJ Tabusam jalal(lateral)011   >
- VD Vaishali Dubey   >
- V Vinay Kumar yadav   >
-  Ajay Tripathi  >
-  Krati\_A\_bcom(H)G.A.  >
- RG Riya Gupta  >

## 12. Feedback Analysis of the Event:

### FEED BACK REPORT

Department of Computer Science & Engineering BBDITM, Lucknow organized a one day workshop entitled “**Research Methodology**” on August 17th 2022 for the students of B.Tech CSE. The feedback given by the participants for Dr. Preeti Mishra is very impressive and excellent. Here are some parameters on which the feedback is recorded by the participants.

