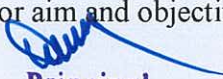


3.3.2 (2)

**Report of the Activity of**  
**Research methodology in Ph.D. for beginners by Chandrasekhar Gupta**

1. **Name of the Department:** IQAC & Research & Development Cell of Kirti College
2. **Date of the Activity:** 28<sup>th</sup> Sept; 2022
3. **Venue:** O.8 Auditorium (offline mode)
4. **Title of the Activity:** Research Methodology in Ph.D. for beginners by Dr Chandrasekhar Gupta
5. **Objectives:**
  - a. This is the first research orientation lecture in the flagship activity entitled 'Nurturing Research' of R& D Cell.
  - b. To motivate and empower through invited speeches of experts non-Ph.D. teachers, PG students to undertake research work leading to the award of Ph. D degree in their respective subject of of post graduation.
  - c. To bring awareness regarding to the some aspects of research process involving research-design, research problem framing and hypothesis testing & various kinds of dependent and independent variables.
6. **Committee members (if any):** All members of IQAC and Research and Development Cell.
7. **Details of the activity:**
  - a) Prof Janhavi Kolte & Prof Pooja Kamble compered the entire event of Invited speech on 'Research Methodology in Ph.D. for beginners' by Dr Chandrasekhar Gupta.
  - b) Dr Minal Mapuskar madam Vice Principal & IQAC coordinator welcomed the guest speaker by presenting them with momentos and books.
  - c) Dr Subhash Donde from Research and Development cell presented the concept-note or preamble of this workshop thereby justifying its purpose or aim and objectives.



  
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- d) In his concept note Dr Donde stressed that except few elite research and academic institutes the state of research in general and undergraduate research in particular in degree colleges has not only failed to improve, but has suffered tremendously. Due to the segregation of teaching and research in our country, the entire generations of students have graduated from the degree college without producing even a single original research.
- e) He also emphasized that it is essential that students be inducted in the culture of research as early as UG level. This is true for both - sciences and social sciences or humanities.
- f) Dr Donde mentioned that the teaching and research must go hand-in-hand in Kirti College and in this regard he appealed to each & everyone to get whole-heartedly involved and support Dr Smita Patgaonkar madam and her Avishkar team and mentoring of students to promote UG research in our Kirti so that at least one quality research paper is published in either UGC CARE listed, web of science or Scopus journals research students and mentors or research guides.
- g) Prof Rohan Rajapkar introduced the guest speaker Dr Chandrasekhar Gupta
- h) Dr Chandrasekhar Gupta in his highly informative and motivational speech on highlighted the importance of variables. A variable is, as the name applies, something that varies. He emphasized that variables play a critical role in the research process. By systematically changing some variables in an experiment and measuring what happens as a result, researchers are able to learn more about cause-and-effect relationships.
- i) Dr Chandrasekhar Gupta in his highly illustrative talk explained the difference between dependent and independent variables as well as qualitative (categorical) and quantitative (numeric) variables.





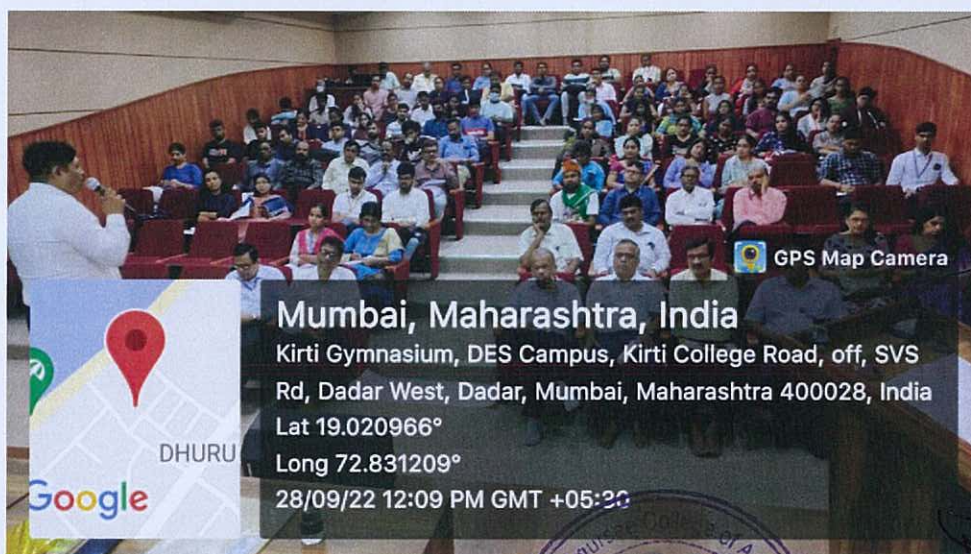
j) Prof Jiteesha Chavan proposed the vote of thanks.

**8. Number of participants: 100**

**9. Important Takeaways:**

- a. Before conducting an experiment, it is essential to create firm operational definitions for both variables. An operational definition describes how the variables are measured and defined in the present study. Participants were enlightened by Dr Gupta regarding to how to operationalize a variable?
- b. In almost every study, researcher collect information such as age, sex, educational attainment, socio-economic status, marital status, religion, place of birth, and the like. These variables are referred to as background variables. Dr Gupta explained the imporatance and relevance of background varibles as well.
- c. Dr Gupta also made illustrative reference to extraneous variables. Apart from independent and dependent variables, in some cases, extraneous variables may also play a role. This type of variable is one that may have an impact on the relationship between the independent and dependent variables.

**10. Screenshots/photographs (should be integrated in the word document itself)**







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Documents to be uploaded as proof-

1) Notice/poster of the activity

2) Attendance record of the participants:

Sr No	Name of faculty member / faculty scholar / PG student	Department / subject	Class PG / Ph.D (For students)	cell phone no	E-mail ID	Sign
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3) Letters of invitation/Thanks given to speakers



*(Signature)*

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Deccan Education Society's  
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Kashinath Dhuru Road, Off. Veer Savarkar Marg,  
Near Agar Bazar, Dadar (West), Mumbai - 400 028.

NAAC RE-ACCREDITED "A" GRADE CGPA 3.39 (3<sup>rd</sup> Cycle)

Recipient of Best College Award of University of Mumbai  
DST FIST Supported College



Ref. No : \_\_\_\_\_

Date : \_\_\_\_/\_\_\_\_/\_\_\_\_

Date: 20<sup>th</sup> Sept; 2022

To

Dr Chandrasekhar Gupta,

Shodh International Institute of Advanced Academic Research,

**Subject** :- Invitation as a resource person for to deliver a talk on "Research Methodology in Ph.D. for beginners"

Dear Sir

It gives me immense pleasure to invite you as a resource person to deliver a talk on "Research Methodology in Ph.D. for beginners" jointly organised by Internal Quality Assurance Cell (IQAC) & Research & Development Cell under the flagship program entitled 'Nurturing Research' of Kirti College on Wednesday, 28<sup>th</sup> Sept 2022 at 11.00 AM onwards in our auditorium.

I am sure your expertise and experience of working in the field of various dimensions of research and research methodology will definitely motivate and enlighten the young minds of Researchers and help them develop their own perspectives of undertaking research leading to the award of PhD degree in the area of their PG specialization.

Thanking you

Dr D. V. Pawar

(Principal)




☎ 022-6276 4501/509

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DST FIST Supported College



Ref. No : \_\_\_\_\_


Date : \_\_\_\_/\_\_\_\_/\_\_\_\_

Date: 28<sup>th</sup> Sept, 2022

To  
Dr Chandrasekhar Gupta,  
Shodh International Institute of Advanced Academic Research,  
Dear Sir,

I am personally thankful to you for accepting our invitation in spite of your busy schedule & presenting your highly informative and motivational invited speech on "Research Methodology in Ph.D. for beginners" on Wednesday, 28<sup>th</sup> Sept 2022 at 11.00 AM onwards. This was the first of its kind of orientation lecture on variables in research that will definitely help our PG and research students in identifying variables and their inter-relationship.

Thanking you.

  
Dr D.V. Pawar  
(Principal)




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