

Government of Maharashtra's  
**ELPHINSTONE COLLEGE**

Mumbai – 400 032  
NAAC Reaccredited 'A' Grade



INTERNAL QUALITY ASSURANCE CELL  
AND  
DEPARTMENT OF PSYCHOLOGY

Present

**A Two-Day Webinar**  
on  
**Introduction to Research Designs**  
From Theory to Practice

Resource Person  
**Shivanand Thorat**

29<sup>th</sup> & 30<sup>th</sup> April 2020  
12.00 p.m. to 1.00 p.m.

Stay home, stay safe, and keep learning

**Dr. Vilas Padhye**  
Coordinator, IQAC

**Dr. Madhuri Kagalkar**  
Principal

CLICK HERE TO REGISTER

<https://forms.gle/HNAfMr71euSpuhTn7>

Program Schedule

April 29, 2020

- Brief introduction to research designs
- Choosing an appropriate statistical test
- Usefulness of ANOVA
- Assumptions of ANOVA
- Running one-way ANOVA with post hoc test in SPSS
- Running one-way repeated measures ANOVA in SPSS

April 30, 2020

- Factorial ANOVA (2 x 3) with post hoc test in SPSS
- Running ANCOVA with assumptions in SPSS
- Introduction to MANOVA
- Running MANOVA with assumptions in SPSS

**About the college**

**Elphinstone College** is a premier institute of higher education in India. Established in 1856, prior to the establishment of Mumbai University, the college has played a pivotal role in laying the foundations of a modern India through its illustrious alumni. It is now a constituent college of the first Cluster University in Maharashtra, the Dr. Homi Bhabha State University, Mumbai. It is committed to nation building by providing quality education to all sections of society.

An enviable location, well equipped library, smart classrooms, computer laboratories, gymkhana, and a host of facilities enrich the learning experience. The college offers degree courses in Arts, Science, Commerce, Biotechnology, and Information Technology. The interest of the students has always been at the heart of dedicated teachers, who are eminent personalities in their area of expertise.

**Facilitator:**

Shivanand Thorat

Masters in Industrial Psychology, NET, SET; He is currently working as a visiting faculty at Symbiosis College of Arts and Commerce, Pune; working as a data analyst and research assistant on CSSH research projects in the Department of Psychology, Savitribai Phule Pune University.

**Registration**

- Registration is free
- Eligibility: Teachers, Research Scholars, and UG/PG students
- Click on the link to register: <https://forms.gle/HNAfMr71euSpuhTn7>
- E-Certificates will be sent on the registered mail
- Attendance for both sessions is mandatory to certificate to be issued
- Last date of registration is 29<sup>th</sup> April 2020 by 11.00 a.m. SHARP
- The sessions will be conducted on YouTube and only those persons having the link will be allowed access
- The link will be shared on your registered email 30 mins prior to start of the session
- For more details, please e-mail [shivanandthoratresearch@gmail.com](mailto:shivanandthoratresearch@gmail.com)