



YENEPOZA

(DEEMED TO BE UNIVERSITY)

Recognized under Sec 3(A) of the UGC Act 1956

Accredited by NAAC with 'A' Grade

PROGRAM OUTCOMES AND COURSE SPECIFIC OUTCOMES

PhD PROGRAM

PRE-PhD COURSEWORK

ATTESTED

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Program Outcomes (PO)

(K=Knowledge, S=Skill,
A=Attitude)

At the end of their program PhD scholars will

- PO1:** Be competent, under the guidance of a research supervisor, to critically review literature, identify scope for further work from the reviewed literature, plan the study, select appropriate methodologies, and gain extensive knowledge to address the findings of their project. (K,S)
- PO2:** Study the dilemmas in research – ethics, plagiarism, scientific misconduct, biosafety- and, if required, take appropriate measures to overcome them (K,S,A)
- PO3:** Discover a novel finding in their research and explain it(S)
- PO4:** Demonstrate communication skills - oral and written – in terms original research publications and conference presentations. (K, S,A)
- PO5:** Identify the value of their research findings in terms of possible application and scope for future work. (K,S)

ATTESTED


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Course specific outcomes

Paper 1: Research methodology and Biostatistics

At the end of completion of the paper I, the PhD scholars will be able to do the following pertaining to their research project:

CSO1: Describe the research process and plan the study

CSO2: Identify quality journals and different types of literatures and critically evaluate literature for their research project

CSO3: Study principles of research ethics, plagiarism, biosafety, and avoid any form of scientific misconduct.

CSO4: Study the rules of scientific writing and referencing methods for communication of their research findings as publications and presentation at conferences.

CSO5: Study the principles of biostatistics for selection of appropriate tests for analysis of their data and appropriate methods to present their research findings as publications and presentation at conferences.

PAPER II: Theoretical foundations

At the end of completion of the paper II, the PhD scholars will be able to do the following pertaining to their research project

CSO1: Explain the subject - basic principles, theories.

CSO2: Describe the basics of all the techniques and methodologies to be used, and be able to select the most appropriate

PAPER III: Recent developments

At the end of completion of the paper III, the PhD scholars will be able to do the following pertaining to their research project

CSO1: Critically evaluate available literature and write a review of literature

CSO2: Discuss the strength and weaknesses in the available literature and how they can be overcome

ATTESTED


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