

Master of Sciences (Statistics)

PROGRAMME CODE: 138

MISSION :

The programme is designed to provide with the specialist skills and knowledge which are central to the conduct of professional statistical work in government.

OBJECTIVES :

The objective of the program are as follows: To cultivate a mathematical attitude and nurture the interests,

To motivate for research in mathematical and statistical sciences,

To train computational scientists who can work on real life challenging problems.

RELEVANCE :

The M.Sc., Statistics programme offered through Open and Distance Learning mode is purely relevant and aligned with the goals and mission of CDE, ANU. This programme is structured in order to equip the learners with core competence in research and analytical aspects of scientific evolution there by new areas will be unfolded. This programme is helpful for enhancing the employability skills with the global perspective and conforming to the vision and mission of ANU.

NATURE OF PERSPECTIVE TARGET GROUP OF LEARNERS :

Aim of open and distance education is to enhance the academic competence in those who were deprived of higher education for various socio-economic reasons. This programme is designed for candidates which is helpful in their career advancement, updating the knowledge, upgrading their qualification for school teachers etc.

SKILLS AND COMPETENCE OF THE PROGRAMME :

In consideration of the huge gap in education and industry and also in skill development now it is imperative on the part of every university to reach out every nook and corner of the country where the institutions with significant infrastructure are not available in order to elevate the status of the marginalised sections of the society especially living in rural areas of the country. The only solution appears to be "open and distance education" and Acharya Nagarjuna University takes initiative by reaching out those unreached by ICT enabled blended mode of distance learning programmes. **M.Sc., Statistics programme** is an innovative programme. **The learning outcomes of this programme are as follows:**

- Professional development of teachers.
- Incorporating generic transferrable skills and competencies
- To develop critical learning, analytical skills and research skills.

INSTRUCTIONAL DESIGN: Course structure and detailed syllabi