Job Description- Research Assistant Professor (In Vivo Research and Animal Modeling)

The Division of Medical Research at SRM Medical Collage Hospital and Research Center has an open position for the role of Assistant Professor. This role is primarily focused on the development of small animal models, which is a pivotal part of the department's ongoing research. This presents a thrilling opportunity for scientists who are eager to make significant contributions in the area of both basic and pre-clinical research.

The ideal candidate for this position will possess the following qualifications and experience:

- An advanced degree such as veterinary/animal science or MD or PhD degree in a relevant field of study such as biology, pharmacology, or medical sciences.
- Extensive experience and skill in the field of animal biology. A strong understanding of animal wellness. Previous experience developing and working with animal models.
- Capable of developing and implementing CRISPR-based genetic tools to manipulate gene expression and investigate gene function. The ability to create knock-in/knock-out animal models that are gene and cell-type specific and demonstrate very comprehensive technical knowledge of finding off-target gene deletions.
- Ability to communicate effectively both written and orally in English.
- Strong organizational, analytical, and reasoning abilities.
- A high level of self-initiative and flexibility is required, i.e. the ability to work autonomously, in small teams, and with a wide range of stakeholders.
- Focus on details while maintaining a big-picture perspective. Ability to lead and mentor others
- To be able to apply for Institutional Grants to Government of India nodal agencies.
- The candidate should take up administrative responsibilities, including but not limited to, setting up laboratories, handling vendors, managing inventories and coordinating with other departments to improve the University's research output.
- The candidate should be capable of developing research protocols and budgets. Further, the successful candidate should be able to communicate research results through conference presentations, scientific publications, or project reports.
- Read scientific literature and attend professional conferences to stay up to date on recent developments in the field.

The main responsibility of the research Assistant Professor will be to increase the research output of SRM Medical Health Sciences (MHS). They will also help SRM Institute of Science and Technology build successful industrial collaborations that will cater to translational research with community outreach.