

Job Description- Research Assistant Professor (Epidemiology)

The Division of Medical Research at SRM Medical Collage Hospital and Research Center is looking for bright and enterprising Assistant Professors, with good interpersonal skills, in the field of Epidemiology and Infectious diseases.

Requirements:

- Candidates must have an MPH or PhD degree with post-doctoral experience in the interdisciplinary field of Biomedical Sciences or other relevant field.
- Extensive skill, knowledge, and experience in the field of epidemiology.
- Good oral and written communication skills
- Strong organizational, analytical and reasoning skills
- Ability to work well and flexibly i.e. autonomously, in small teams, and with a wide range of varying stakeholders
- Ability to see the big picture, whilst still maintaining a focus on detail and implementation. Strong leadership and mentoring skills

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.

Following are the key **roles and responsibilities** of the Assistant Professor:

1. To monitor outbreaks and assist in emergencies
2. To design, implement and advise on health policies to minimize outbreaks and the spread of infections
3. To maintain awareness of current trends & advancements in technology
4. To travel to sites to research, observe and study the outbreak and spread of infectious diseases
5. To interact with people to collect disease-related data through field research, observation, questionnaires, and studies
6. To liaison with clinicians and public health professionals to analyze problems, determine solutions as well as help them in developing clinical projects regarding communicable and non-communicable diseases.
7. To help develop funding applications and research protocols for multiple projects
8. To contribute to the proposal and budget development
9. To be proficient in using multiple statistical analysis softwares to compile, calculate and analyze population-based data
10. The candidate is also expected to take up administrative responsibilities, including but not limited to, setting up laboratories, handling vendors, managing inventories and coordinating with other departments in order to improve the University's research output.
11. To communicate research results through conference presentations, scientific publications, or project reports.
12. To instruct and help others in techniques commonly used in the field of epidemiology.
13. To keep abreast of new developments in the field by reading scientific literature and attending professional conferences.