

# MASTER OF PUBLIC HEALTH (MPH)



**SRI RAMACHANDRA  
MEDICAL COLLEGE & RESEARCH INSTITUTE**  
(Deemed to be University)  
Accredited by NAAC with 'A' Grade  
(CGPA 3.62 on a 4 point scale)

## DEPARTMENT OF ENVIRONMENTAL HEALTH ENGINEERING

As per the requirement of UGC and NAAC, the new MPH curriculum has been developed under the Choice Based Credit System (CBCS) pattern. It allows the students to choose elective and enhancement courses from a select set of choices, in addition to the core courses. This helps the students not only to learn elective courses of their interest but also to acquire more credits. The students are trained in environmental and occupational aspects of public health. The students emerge as experts in environmental and occupational health which will enable them to become EHS specialists/public health consultants/academicians and researchers.

### Eligibility

A candidate desiring to join the 2-year degree program leading to the Master of Public Health (MPH) Degree Program in Occupational and Environmental Health should have passed MBBS/ BDS/ B.Sc. Nursing/ B. Pharm/ BPT/ BASLP/ BAHS/ B.Tech (Chemical Engineering)/ BE (Civil or Public Health Eng.)/ B.Sc. (Chemistry, Environmental Sciences, Botany, Zoology, Biotechnology or any other life science programs)/ M.Sc. (Chemistry, Environmental Sciences, Botany, Zoology, Biotechnology or any other life science programs)// or equivalent degree (Engineering/Science/Health Science) of any institution/university recognized by the AICTE/UGC. B.Sc. applicants must have at least two years of experience in training/ education in their relevant subjects/fields.

### Career Opportunities

In International Organizations (WHO, USEPA, UNICEF, UNESCO, UNEP), Public Sector, & Public Health Services (NRHM, State Health Services etc) NGOs, Academic Institutions, Industries (as Occupational Health & Safety Professional), etc.

### Commencement and Duration

The course has been designed as a two-year degree program and starts in July of every academic year

**Fee:** The tuition fee per academic year is Rs. 1,25,000/-.

### Admissions

General/ Foreign/NRI Category: Students are admitted on the basis of marks obtained in the qualifying examination and Personal Interview.

### Course Outline

- Introduction to Epidemiology
- Introduction to Biostatistics
- Introduction to Occupational and Environmental Health
- Environmental and Occupational Toxicology
- Professional Skills Development
- Toxicology and Environmental Quality Monitoring Lab
- Applied Epidemiology
- Intermediate Biostatistics
- Fundamentals of Industrial Hygiene
- Fundamentals of Industrial Safety
- Industrial Hygiene and Safety Lab
- Environmental Exposure Assessment Strategies and Control Techniques
- Social and Behavioral Sciences in Health
- Health Policy and Management
- International health
- Public Health Nutrition
- Advanced seminar series (Occupational & Environmental Health)
- Exposure Assessment Lab
- Dissertation

### Electives & Enhancement courses

- Health Science Data Analysis using R-Statistical Software
- Occupational Health Services
- Basic quantitative research tools for clinical and public health research
- Air Quality Assessment
- Public Health Communication

| Facilities  | Alumni placed in                                      |
|---|---|
| State-of-the-art analytical laboratory                  | Chemical and Engineering Industries                   |
| Central and mobile environmental monitoring laboratory  | IT industry   |
| Industrial hygiene & safety laboratory                  | Healthcare Industry                                   |
| Occupational health lab with mobile diagnostic facility | Public Health Foundation of India                     |
| Industrial collaboration for field visits               | INCLIN Trust International, New Delhi                 |
| Access to collaborative department laboratories:        | Occupational Health Sectors                           |
| ✓ Anatomy & Physiology                                  | Riskchem Academy                                      |
| ✓ Audiology, speech, language & hearing sciences        | ISS India consultancy services                        |
| ✓ Chest medicine.                                       | NGOs with Occupational and Environmental Health Focus |
| ✓ Dermatology   | National Institute of Family Welfare, Tamil Nadu      |
| ✓ Ophthalmology   | And others in Environment, Health and Safety focus    |



### Further Information

About the Department : [www.srmc-ehe.org.in](http://www.srmc-ehe.org.in)  
 About the University: [www.sriramachandra.edu.in](http://www.sriramachandra.edu.in)  
 Application Form : <http://srmc-ehe.org.in/mpf.php>

### For any other Information Contact

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