

K.S.Rangasamy College of Arts& Science, (Autonomous), Tiruchengode-637 215

Department of Microbiology

Courses content impacts gender equity, environmental sustainability, Human values and professional ethics :

M.Sc., Applied Microbiology

| Programme | Name of the Course | Relevant Issues | | | Description |
|-----------------------------|--|-----------------|------------------------------|------------------------------------|--|
| | | Gender | Environmental Sustainability | Human values & professional ethics | |
| M.Sc., Applied Microbiology | Core IV: Immunology | | | ✓ | Formulate and develop anti-hypersensitivity drugs. |
| | Value Education : Human Rights | ✓ | ✓ | ✓ | Teaches gender equity, environmental sustainability, Human values |
| | Core VI: Soil and Agricultural Microbiology | | ✓ | | Center on the importance and applications of eco-friendly bio-fertilizers and bio-control agents. |
| | Elective I:Environmental Microbiology | | ✓ | | Impart the significant processes including bioremediation, sewage treatment & bio-fuel production involving in environmental sustainability. |
| | Core X: Genetic Engineering | | | ✓ | Create novel transgenic animals and plants |
| | Elective II: Bioinformatics, Bioethics and IPR | | | ✓ | Teach about bio-safety and ethics for the future sustainable development |
| | Elective II: Pharmaceutical Microbiology | | | ✓ | Follow the protocols and regulations to validate pharmaceutical products |


HOD


PRINCIPAL

K.S. Rangasamy College of Arts & Science
(Autonomous)