


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

Tiruchengode – 637 215


Department of Biotechnology

Details of courses having crosscutting issues relevant to professional ethics, gender, human values, environment and sustainability

S.No	Name of the course	Relevant issue			Description
		Gender	Environment sustainability	Human values & Professional ethics	
1.	Value Education I: Yoga			✓	It promotes moral values, self realization and self control
2.	Value Education II: Environmental studies		✓		It deals about Environment, its types, pollutants and the way to control pollution
3.	Core VIII: Plant tissue culture		✓		It deals with the growth of the plant under laboratory condition and it helps for the environment sustainability.
4.	Extension activity		✓	✓	Through this activity, the students are


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					insisting the public people to be aware of human values and environment sustainability
5.	Core IX: Recombinant DNA Technology		✓		This subject deals with the production of recombinant proteins for the benefit of the environment
6.	Core X: Environmental Biotechnology		✓		This subject deals with biotechnological aspects for the benefit of the environment and its sustainability
7.	Core XI: Basics of Animal Cell Culture		✓		This subject deals with the applications of Animal Cell Culture like production of cloned animal and vaccine development for environment sustainability
8.	SBC III: IPR for Life Science			✓	It deals with the rules and


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					regulations on the biotechnological products
9.	SBC IV: Basics of Research			✓	It deals with ethics followed during the research program
10.	Add on: Corporate Biotechnology			✓	It motivates the students to follow the rules in the biotechnology industry
11.	Add on: Animal Physiology		✓		This subject deals with the internal organs and systems for the better and safe survival of animals.
12.	Value Education: Human Rights			✓	It tells about moral values on human life
13.	Elective IV: Evolution and Biodiversity		✓		This subject deals about several living organisms for the betterment of the environment


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