



At KLEF, we take immense pride in our commitment to fostering a sustainable future and addressing the challenges posed by climate change. This commitment is clearly reflected in our comprehensive curriculum, which integrates a wide range of specialized courses focused on climate science, environmental sustainability, and disaster management.

Our academic offerings include core and advanced subjects such as *Environmental Impact Assessment and Life Cycle Analysis*, *Geo Environmental Engineering*, *Environmental Pollution Control Methods*, *Climatology and Oceanography*, and *Environmental Economics and Sustainable Development*. These courses provide students with a strong theoretical and practical foundation to understand environmental systems, assess impacts, and develop sustainable solutions.


In addition, interdisciplinary courses like *Climate Responsive Architecture*, *Introductory Agrometeorology and Climate Change*, *Eco Physiology*, and *Ecology & Environment* enable students to explore the interconnections between climate, ecosystems, and human activities. Technical subjects such as *Physico-Chemical Processes for Water and Wastewater Treatment*, *Sustainable Construction*, *Geotechnical Earthquake Engineering*, and *Earthquake Resistant Design of Structures* further strengthen their ability to address real-world environmental and infrastructural challenges.

Courses like *Environmental Studies and Disaster Management* and *Disaster Mitigation and Management* equip students with critical skills to respond effectively to natural hazards and climate-related risks. Additionally, emerging areas such as *Environmental Biotechnology* and *Resources Safety and Quality Management* broaden students' understanding of sustainable technologies and responsible resource utilization.

Beyond classroom learning, KLEF actively promotes research, fieldwork, and collaboration with environmental organizations and government bodies. Students are encouraged to engage in projects addressing contemporary environmental challenges, enhancing their practical exposure and problem-solving capabilities.

Through this diverse and well-structured curriculum, KLEF ensures that students are equipped with the knowledge, skills, and sense of responsibility needed to contribute meaningfully toward environmental protection and sustainable development. Our continuous efforts to enhance course content and align with global sustainability goals demonstrate our unwavering dedication to building a greener and more resilient future.

S NO	COURSE CODE	COURSE TITLE	L	T	P	S	Credits	Contact Hours
1	22ELE3406	Environmental impact assessment and life cycle analysis	3	0	0	0	3	3
2	22CE5163	Geo Environmental Engineering	3	0	2	0	4	5
3	22CE40A2	Environmental Pollution Control Methods	3	0	0	0	3	3
4	23BA31G5	Climatology and Oceanography	3	0	0	0	3	3
5	23BA32015	Environmental Economics and Sustainable Development	4	1	0	0	5	5
6	22AR2109	Climate Responsive Architecture	3	0	0	0	3	3
7	22AGRO103	Introductory Agrometeorology and Climate Change	1	0	3	0	2	4
8	22CPHY261	Eco Physiology	1	0	3	0	2	4
9	22CPHY361	Environmental Studies and Disaster Management	2	0	3	0	3	5
10	22PY1212	Environmental sciences	3	0	0	0	3	3
11	22UC0009	Ecology & Environment	2	0	0	0	2	2
12	22BT52C3	Environmental Biotechnology	3	0	0	0	3	3
13	22WR3507	Physico-Chemical Processes for Water and Wastewater Treatment	2	0	2	0	3	4
14	22CE5122	Sustainable Construction	3	0	2	0	4	5
15	22CE5208	Earthquake resistant design of structures	3	0	2	0	4	5
16	22CE4142	Geotechnical earthquake engineering	3	0	0	0	3	3
17	22MB4056	Resources Safety and Quality Management	3	0	0	0	3	3
18	23AR4234B	Disaster Mitigation and Management	3	0	0	0	3	3


 Prof. V. Hari Kiran
 Additional Dean Academics
 K L E F (Deemed to be University)
 Vaddeswaram-522 302, A.P.