



THE - Impact Rankings 2025



Strengthen the means of implementation and revitalise the Global Partnership for Sustainable Development

17.4.2 Education for SDGs specific courses on Sustainability

Number of Courses/Subjects Related to Sustainability Offered:

Description:

Kalasalingam University offers a range of courses and subjects across undergraduate, postgraduate, and doctoral programs that focus on sustainability, environmental management, and green technologies. These courses aim to equip students with the knowledge and skills necessary for sustainable development and responsible environmental stewardship.

Examples Courses/Subjects Related to Sustainability in Syllabus:

1. **Environmental Science and Engineering** – Covers environmental impact, pollution control, and resource management.
2. **Renewable Energy Systems** – Focus on solar, wind, and other renewable energy technologies.
3. **Sustainable Development and Green Technologies** – Concepts of sustainable urban planning, eco-friendly design, and SDGs.
4. **Waste Management and Recycling Techniques** – Solid, liquid, and hazardous waste management practices.
5. **Water Resource Management** – Efficient water use, conservation, and recycling methods.
6. **AI and IoT in Environmental Monitoring** – Use of advanced technologies for sustainable solutions.
7. **Design Thinking for Social and Environmental Impact** – Integrating technology with sustainable development goals.

Note: Remaining Course Details are listed below.



Impact on offering Courses/Subjects Related to Sustainability:

- Promotes awareness and education on sustainability among students.
- Encourages research, innovation, and practical projects focused on green solutions.
- Prepares graduates to implement sustainable practices in industries, communities, and policy-making

Total number of sustainability courses/modules offered

Year	2020	2021	2022	2023	2024
No. of Courses	2820	2820	2639	2967	3047
Sustainability Courses	727	747	753	867	921



Total number of courses offered in the year 2023-2024 = 3047

Total number of courses with sustainability = 921



Course Title	Notes	Related SDG Goals
B.Tech (Civil) – Smart Conservation of Water Resources	Focuses on innovative techniques to preserve and optimize water usage. Emphasizes sustainable practices for long-term resource management.	SDG 6, SDG 12
B.Tech (Bio) – Techno-Economic Analysis of Byproduct Production from Wastewater Effluents	Evaluates the economic viability of extracting valuable byproducts from wastewater. Combines technical and financial assessment for waste-to-resource solutions.	SDG 6, SDG 9, SDG 12
B.Tech (Civil) – Water Quality Analysis	Covers methods to test and ensure safe water standards. Addresses contaminants and treatment protocols for clean water supply.	SDG 6, SDG 3
B.Tech (Civil) – Design-Build Water Pressure Management Systems	Involves designing systems to regulate water pressure efficiently. Aims to reduce leaks and improve distribution network performance.	SDG 6, SDG 9
B.Tech – EXSEL Course on Water Reuse	Teaches advanced strategies for recycling and reusing water. Highlights applications in industrial and municipal settings.	SDG 6, SDG 11
B.Tech – Rainwater Harvesting	Explores techniques to collect and store rainwater for sustainable use. Reduces dependency on traditional water sources.	SDG 6, SDG 13
B.Tech (Civil, Biotech) – Wastewater Treatment and Nutrient Recovery	Focuses on treating wastewater while recovering nutrients like phosphorus. Supports circular economy in water management.	SDG 6, SDG 12
B.Tech (All) – Water Leakage Detection and Management	Uses technology to identify and mitigate water leaks in pipelines. Enhances conservation and cost savings.	SDG 6, SDG 9



B.Tech (Civil) – Water Pipe Descaling	Addresses methods to remove scale buildup in pipes. Improves water flow and system longevity.	SDG 6
B.Tech (All) – Water Pressure Management Systems	Combines treatment processes with advanced analysis for effluent quality. Ensures compliance with environmental standards.	SDG 6, SDG 9
B.Tech (All) – Wastewater Treatment and Analytical Techniques	Promotes effective waste separation to maximize recycling. Reduces landfill dependency and environmental impact.	SDG 6, SDG 12
B.Tech (All) – Sustainable Waste Sorting and Segregation for Resource Efficiency	Strategies to recycle and repurpose plastic waste. Aligns with circular economy principles to minimize pollution.	SDG 12, SDG 11
B.Tech (All) – Plastic Waste Management and Circular Economy	Techniques for recycling and reusing plastic waste. Reduces pollution and supports sustainable production.	SDG 12, SDG 14, SDG 15
B.Tech (All) – Sustainable Metal Waste Management	Techniques for recycling and reusing metal waste. Reduces mining demand and energy consumption.	SDG 12, SDG 13
B.Tech (All) – Agricultural Waste Management	Focuses on converting farm waste into useful products like compost or biofuel. Enhances sustainability in agriculture.	SDG 2, SDG 12, SDG 13
B.Tech (All) – Sustainable Food Waste Processing: From Degradation to Product Development	Transforms food waste into value-added products. Addresses food security and waste reduction.	SDG 2, SDG 12
B.Tech (All) – Textile Waste Recycling and Circular Economy	Solutions for recycling textile waste into new materials. Supports sustainable fashion initiatives.	SDG 12, SDG 8



B.B.A, M.B.A, B.Tech (Civil, Biotech, Chemical) – Textile Solid Waste Management and Circular Economy	Promotes sustainable management of textile waste through industrial and business models.	SDG 9, SDG 12, SDG 8
Biotechnology, Biomedical Engg – Biomedical Waste Management	Safe disposal and treatment of medical waste. Prevents health hazards and environmental contamination.	SDG 3, SDG 12
B.Tech (All) – Paper Waste Management and Circular Economy	Encourages recycling paper waste into new products. Reduces deforestation and carbon footprint.	SDG 12, SDG 15
B.Tech (EEE) – Battery Waste Management	Proper disposal and recycling of used batteries. Mitigates toxic leakage and recovers valuable metals.	SDG 12, SDG 13
B.Tech (Civil, Mech) – Hazardous Waste Management and Circular Economy	Manages dangerous waste through safe treatment and recycling. Minimizes environmental and public health risks.	SDG 3, SDG 12, SDG 13
B.Tech (EEE, Aero) – Electric Vehicle Integration (E-Mobility)	Covers EV technology and infrastructure development. Accelerates transition to clean transportation.	SDG 7, SDG 11, SDG 13
M.Tech (VLSI), M.Sc (Physics) – Microgrid System	Designs localized energy grids integrating renewable sources. Enhances energy reliability and sustainability.	SDG 7, SDG 9, SDG 13
B.Tech (EEE), B.Tech (Aero), B.B.A – Wind Energy Conversion System	Explores wind power generation technologies for renewable energy production.	SDG 7, SDG 13
B.Tech (Civil, EEE), B.Sc (Viscom) – Energy Efficient Devices / Energy Efficiency Improvement	Promotes appliances and systems that reduce energy consumption and cost.	SDG 7, SDG 12, SDG 13



M.Sc (Physics) – Solar PV System	Installs and maintains photovoltaic systems for solar energy. Expands renewable energy adoption.	SDG 7, SDG 13
B.Tech (All) – Energy Storage System	Technologies like batteries for storing renewable energy. Ensures stability in power supply.	SDG 7, SDG 9, SDG 13
B.Tech (Civil), M.Sc (Physics) – Solar Thermal Systems	Uses sunlight for heating applications. Provides an eco-friendly alternative to fossil fuels.	SDG 7, SDG 13
M.B.A, B.Sc (Physics) – Smart Building Energy Management	Optimizes energy use in buildings via automation and monitoring.	SDG 7, SDG 9, SDG 11
B.Sc, M.Sc (Physics) – Solar Optimizer for Remote Off-Grid Areas	Tailors solar solutions for remote regions to improve access.	SDG 7, SDG 10
B.Tech (All) – Battery Management Systems and Modeling	Monitors and optimizes battery performance for EVs and renewable energy storage.	SDG 7, SDG 13
B.Tech (All) – Smart Transport Application Development	Creates apps for efficient transport planning to reduce congestion.	SDG 11, SDG 13
B.Tech (All) – Eco-friendly Automation for Transport	Integrates green tech in transportation to reduce emissions.	SDG 9, SDG 11, SDG 13
B.Tech (All) – Transportation: Smart Bicycle	Promotes tech-enabled cycling for health and urban sustainability.	SDG 3, SDG 11, SDG 13
B.Tech (All) – Smart Route Planning for Demand-Responsive Transit Systems	Uses data to optimize public transport efficiency.	SDG 9, SDG 11, SDG 13



B.Tech (EEE, ECE) – Transportation: Battery Electric Vehicles	Focuses on BEV technology and adoption challenges.	SDG 7, SDG 11, SDG 13
B.Sc (Mathematics) – Transport Accessibility Planning	Ensures inclusive transport systems for differently abled and elderly.	SDG 10, SDG 11
B.Tech (EEE, ECE, B.Sc Physics) – Emissions Reduction from Transportation	Strategies to lower greenhouse gas emissions through alternative fuels and policies.	SDG 13, SDG 11
B.Tech (All) – Public Transport Optimization using Data Analytics and Smart Systems	Leverages data to improve public transit reliability.	SDG 9, SDG 11, SDG 13
B.Tech (All) – Driver Behavior Monitoring	Uses technology to enhance road safety and fuel efficiency.	SDG 3, SDG 11, SDG 13
B.Tech (All) – Smart Parking System using IoT	Implements IoT for real-time parking solutions to reduce congestion.	SDG 9, SDG 11, SDG 13

No. of Online courses related to Sustainability: 161

S.No	Course Code	Course Title	Department	Related SDG
1.	212AER1101	Introduction to Experiments in Flight	Aerospace Engineering	SDG 9
2.	212AER1102	Introduction to Aircraft Design	Aerospace Engineering	SDG 9
3.	FSN103	Fundamentals Of Food Process Engineering	Agricultural and Food Engineering	SDG 2
4.	FSN104	Advanced Aquaculture and Technology	Agricultural and Food Engineering	SDG 6
5.	ENS203	Ecology and Society	AGR	SDG 13
6.	ENS204	Natural Resources Management	AGR	SDG 6
7.	SWE410	Water Quality Management Practices	Agriculture Engineering	SDG 6



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8.	SWE411	Irrigation And Drainage	Agricultural and Food Engineering	SDG 6
9.	214BIT1111	Conservation Economics	Biological Sciences & Bioengineering	SDG 8
10.	214BIT1112	Conservation Geography	Biotechnology and Bioengineering	SDG 15
11.	214BIT1113	Forests and their Management	Biotechnology and Bioengineering	SDG 15
12.	214BIT1114	Medical Image Analysis	Biotechnology and Bioengineering	SDG 3
13.	214BIT1115	Wildlife Ecology	Biotechnology and Bioengineering	SDG 15
14.	213BIT1116	Bioelectrochemistry	Biotechnology and Bioengineering	SDG 9
15.	213BIT1117	RNA Biology	Biotechnology and Bioengineering	SDG 3
16.	214BIT1118	Human Physiology	Biotechnology and Bioengineering	SDG 3
17.	213BIT1119	Computational Genomics	Biotechnology and Bioengineering	SDG 9
18.	214BME1112	Maternal Infant Young Child Nutrition	Biotechnology and Bioengineering	SDG 3
19.	213BIT1121	Introduction to Cell Biology	Biotechnology and Bioengineering	SDG 3
20.	214BIT1123	Medical Biomaterials	Biotechnology and Bioengineering	SDG 3
21.	213BIT1122	Cell Biology: Cellular organization, division and processes	Bioengineering	SDG 3
22.	214BIT1120	Basic Course in Ornithology	Multidisciplinary(Biotechnology and Bioengineering)	SDG 15
23.	214BIT1124	Biointerface Engineering	Biological Sciences & Bioengineering	SDG 9
24.	214BIT1125	Environmental biotechnology	Biological Sciences & Bioengineering	SDG 12
25.	213BIT3150	Animal Physiology	Biological Sciences & Bioengineering	SDG 3
26.	214BIT1127	Bioreactors	Biological Sciences & Bioengineering	SDG 9
27.	214BIT1128	Immunology	Biological Sciences & Bioengineering	SDG 3



28.	213BIT4151	Genome Editing and Engineering	Biological Sciences & Bioengineering	SDG 9
29.	214CIV1156	Air pollution and Control	Civil Engineering	SDG 13
30.	214CIV1157	Availability and Management of Groundwater Resources	Civil Engineering	SDG 6
31.	214CIV1158	Basic Construction Materials	Civil Engineering	SDG 9
32.	214CIV1159	Integrated Waste Management For A Smart City	Civil Engineering	SDG 12
33.	214CIV1160	Municipal Solid Waste Management	Civil Engineering	SDG 12
34.	214CIV1166	Rural Water Resource Management	Civil Engineering	SDG 6
35.	214CIV1161	Wastewater Treatment And Recycling	Civil Engineering	SDG 6
36.	214CIV1162	Natural Hazards	Civil Engineering	SDG 13
37.	214CIV1163	Plastic Waste Management	Civil Engineering	SDG 12
38.	214CIV1164	Groundwater Hydrology and Management	Civil Engineering	SDG 6
39.	214CIV1165	Geographic Information Systems	Civil Engineering	SDG 9
40.	214CIV1167	Water, Society and Sustainability	Civil Engineering, Humanities and Social Sciences	SDG 6
41.	214CIV1168	Building Materials as a Cornerstone to Sustainability	Civil Engineering-Architecture and Planning	SDG 9
42.	214CIV1169	Indoor Air Pollution: Sources, Effects, Monitoring	Civil Engineering	SDG 13
43.	214CIV1170	Sustainable Transportation Systems	Civil Engineering	SDG 11
44.	214CIV1171	Sustainable Engineering Concepts and Life Cycle Analysis	Civil Engineering	SDG 9
45.	214CIV1172	Water and waste water treatment	Civil Engineering	SDG 6
46.	213CSE3104	Blockchain and its Applications	Computer Science and Engineering	SDG 9
47.	213CSE1102	Introduction To Industry 4.0 And Industrial Internet Of Things	Computer Science and Engineering	SDG 9
48.	213CSE3105	Reinforcement Learning	Computer Science and Engineering	SDG 9



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49.	213CSE1103	Cloud Computing	Computer Science and Engineering	SDG 9
50.	214CSE1104	Operating System Fundamentals	Computer Science and Engineering	SDG 9
51.	213CSE1105	Software Testing	Computer Science and Engineering	SDG 9
52.	213CSE1106	Cyber Security and Privacy	Computer Science and Engineering	SDG 9
53.	213CSE1107	Introduction To Internet Of Things	Computer Science and Engineering	SDG 9
54.	213CSE1108	Programming, Data Structures and Algorithms using Python	Computer Science and Engineering	SDG 9
55.	213CSE1109	Advanced R Programming for Data Analytics in Business	Computer Science and Engineering	SDG 8
56.	213CSE1110	Big Data Computing	Computer Science and Engineering	SDG 9
57.	213CSE1111	Data Science for Engineers	Computer Science and Engineering	SDG 9
58.	213CSE1112	Design & Implementation of Human-Computer Interfaces	Computer Science and Engineering	SDG 9
59.	213CSE1113	Practical Cyber Security for Cyber Security Practitioners	Computer Science and Engineering	SDG 9
60.	213CSE1114	Programming in Modern C++	Computer Science and Engineering	SDG 9
61.	213CSE1115	Introduction to Machine Learning	Computer Science and Engineering	SDG 9
62.	213CSE1116	The joy of computing using python	Computer Science and Engineering	SDG 9
63.	213CSE2317	Artificial Intelligence: Knowledge Representation And Reasoning	Computer Science and Engineering	SDG 9
64.	213CSE2318	Deep Learning - IIT Ropar	Computer Science and Engineering	SDG 9
65.	213CSE2319	Natural Language Processing	Computer Science and Engineering	SDG 9
66.	213CSE2320	Cryptography and Network Security	Computer Science and Engineering	SDG 9
67.	213CSE2321	Foundations of Cryptography	Computer Science and Engineering	SDG 9
68.	214CSE1117	The joy of computing using python	Computer Science and Engineering	SDG 9



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69.	213CSE1117	Cloud Computing and Distributed Systems	Computer Science and Engineering	SDG 9
70.	213CSE1118	Data Mining	Computer Science and Engineering	SDG 9
71.	214CSE1118	Brain Computer Interface	Computer Science and Engineering	SDG 9
72.	214CHE1116	Basic Environmental Engineering and Pollution Abatement	Chemical Engineering	SDG 12
73.	214CHE1117	Technologies For Clean And Renewable Energy Production	Chemical Engineering	SDG 7
74.	214CHE1118	Biological process design for wastewater treatment	Chemical Engineering	SDG 6
75.	214CHE1119	Physico-chemical processes for wastewater treatment	Chemical Engineering	SDG 6
76.	214CHE1120	Waste to Energy Conversion	Chemical Engineering	SDG 7
77.	213CHE1123	Rheology and Processing of Paints, Plastic, and Elastomer Based Composites	Chemical Engineering	SDG 12
78.	213CHE1124	Energy Conversion Technologies (Biomass and Coal)	Chemical Engineering, Multi disciplinary	SDG 7
79.	213CHE1125	Ecology and Environment	Chemical Engineering	SDG 13
80.	214EEE1177	Digital Image Processing	Electrical and Electronics Engineering	SDG 9
81.	214EEE1178	Introduction to Wireless and Cellular Communications	Electrical and Electronics Engineering	SDG 9
82.	214EEE1179	Semiconductor Devices and Circuits	Electrical and Electronics Engineering	SDG 9
83.	214EEE1180	Solar Energy Engineering and Technology	Electrical and Electronics Engineering	SDG 7
84.	214EEE1181	Sustainable Power Generation Systems	Electrical and Electronics Engineering	SDG 7
85.	214EEE1182	Medical Image Analysis	Electrical and Electronics Engineering	SDG 3
86.	214FTE2109	Food Packaging Technology	Food Technology	SDG 12
87.	224AHS1101	The Science of Happiness and Wellbeing	Health Sciences	SDG 3
88.	224AHS1102	Psychology Of Stress, Health And Well-Being	Health Sciences	SDG 3
89.	224AHS1103	Research Methods In Health Promotion	Health Sciences	SDG 4



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90.	224AHS1104	One Health	Multidisciplinary (Health Science)	SDG 3
91.	224AHS1105	Sports and Performance Nutrition	Sports Sciences, Health Sciences	SDG 3
92.	213ENG1104	Film Appreciation	English	SDG 4
93.	213ENG1102	Public Speaking	English	SDG 4
94.	212ENG1101	Short Fiction in Indian Literature	English	SDG 4
95.	214ENG1301	Technical English for Engineers	English	SDG 4
96.	213ENG1101	Effective Writing	English	SDG 4
97.	213ENG1103	Speaking Effectively	English	SDG 4
98.	213ENG1105	Body Language: Key to Professional Success	Humanities and Social Sciences, English	SDG 4
99.	213ENG1106	German - I	English	SDG 4
100.	213ENG1107	Performance Traditions of the Mahabharata in Tamil Nadu	Humanities and Social Sciences, English	SDG 4
101.	213ENG1108	Effective Writing	English	SDG 4
102.	224BAL1115	Introduction to Modern Indian Political Thought	Law	SDG 16
103.	224BAL1116	Patent drafting for beginners	Humanities and Social Sciences, Law	SDG 9
104.	223MSW6285	Human Behaviour	MSW	SDG 3
105.	223MSW6286	Applied Linguistics	Humanities and Social Sciences, Sociology	SDG 4
106.	223MSW6287	Education for Sustainable Development	Humanities and Social Sciences, Sociology	SDG 4
107.	223MSW5161	Indian Art: Materials, Techniques and Artistic Practices	Humanities and Social Sciences, Sociology	SDG 4
108.	223MSW5162	Development of Sociology in India	Humanities and Social Sciences, Sociology	SDG 4
109.	SED18R221	Psychology of Learning	B.ED	SDG 4
110.	SED18R222	Introduction to Cognitive Psychology	B.ED	SDG 4
111.	SED18R223	Brief introduction to psychology	Humanities and Social Sciences, B.Ed	SDG 4
112.	214MBA2101	Training and Development	Management	SDG 8
113.	214MBA2102	AI in Marketing	Management	SDG 9
114.	214MBA2103	Consumer Behaviour	Management Studies-Marketing	SDG 8
115.	214BBA2101	Consumer Psychology	Humanities and Social Sciences(Management)	SDG 8



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116.	214MBA2104	Economic Growth And Development	Humanities and Social Sciences(Management)	SDG 8
117.	214MBA2105	Entrepreneurship	Management	SDG 8
118.	214MBA2106	Environment and Development	Humanities and Social Sciences(Management)	SDG 13
119.	214MBA2107	Ethics In Engineering Practice	Management	SDG 16
120.	214MBA2108	Human Resource Development	Humanities and Social Sciences(Management)	SDG 8
121.	214MBA2109	Leadership and Team Effectiveness	Management	SDG 8
122.	214MBA2110	Organizational Behaviour	Management	SDG 8
123.	214MBA2111	Principles Of Management	Management	SDG 8
124.	214MBA2112	Project Management	Industrial Management and Engineering	SDG 9
125.	214MBA2113	Stress Management	Humanities and Social Sciences(Management)	SDG 3
126.	214MBA2114	Educational Leadership	Management Studies	SDG 4
127.	214MBA2115	International Business	Management Studies	SDG 8
128.	214MBA2116	Entrepreneurship And IP Strategy	Humanities and Social Sciences(Management)	SDG 8
129.	214MBA2117	Innovation, Business Models and Entrepreneurship	Management Studies	SDG 8
130.	214MBA2118	Business Development: From Start to Scale	Management Studies	SDG 8
131.	214MBA2119	Customer Relationship Management	Management Studies	SDG 8
132.	214MBA2121	Organizational Behaviour - II	Management studies	SDG 8
133.	214MBA2120	Logistics & Supply Chain Management	Humanities and Social Sciences, Management	SDG 12
134.	214MBA2122	Decision Making with Spreadsheet	Management Studies	SDG 8
135.	214MBA2123	Economics of Health and Health Care	Management Studies	SDG 3
136.	214MBA2124	Introduction to GST	Management Studies	SDG 8
137.	214MBA2125	Project Management for Managers	Management Studies Commerce	SDG 8
138.	214MBA2219	Design Thinking - A Primer	Management Studies	SDG 9
139.	214MBA2127	Corporate Social Responsibility	Management Studies	SDG 12
140.	214MBA2126	Retail Management	Management Studies	SDG 8



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141.	214MBA2128	Organizational Behaviour: Individual Dynamics in Organization	Management studies	SDG 8
142.	214MEC1112	Work System Design	Mechanical Engineering	SDG 9
143.	214MEC1108	Operations Management	Mechanical Engineering	SDG 8
144.	214MEC1109	Sustainable Energy Technology	Mechanical Engineering	SDG 7
145.	214MEC1110	Engineering Mechanics - Statics and Dynamics	Mechanical Engineering	SDG 9
146.	214MEC1111	Introduction to Composites	Mechanical Engineering	SDG 9
147.	214MEC1113	Automation in Manufacturing	Mechanical Engineering	SDG 9
148.	214MEC1114	Design, Technology and Innovation	Design Engineering	SDG 9
149.	214MEC1115	Introduction to Research	Mechanical Engineering	SDG 4
150.	214MEC1116	Research Methodology	Multidisciplinary	SDG 4
151.	214MEC1117	Industrial Robotics : Theories for Implementation	Mechanical Engineering	SDG 9
152.	214MEC1118	Product Design And Development	Mechanical Engineering	SDG 9
153.	214MEC1119	Fundamentals of Automotive Systems	Mechanical Engineering	SDG 9
154.	214MEC1120	Metal Additive Manufacturing	Mechanical Engineering	SDG 9
155.	214MEC1121	Product Design and Manufacturing	Mechanical Engineering	SDG 9
156.	ARC22R507	Modern Indian Architecture	Architecture and Planning	SDG 11
157.	213ECE2150	Electronic Systems for Cancer Diagnosis	Electrical, Electronics and Communications Engineering	SDG 3
158.	213ECE3151	Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications	Electrical, Electronics and Communications Engineering	SDG 9
159.	213ECE3152	VLSI Design Flow: RTL to GDS	Electrical, Electronics and Communications Engineering	SDG 9
160.	213ECE3153	Microelectronics: Devices to Circuits	Electrical, Electronics and Communications Engineering	SDG 9
161.	213PHY2106	Physics of Renewable Energy Systems	Physics	SDG 7



No. of Online courses related to Sustainability: 161

Total number of courses with sustainability = 921

Link to access the Syllabus: <https://www.kalasalingam.ac.in/curricula-and-syllabi/>

Following are the list of NPTEL courses offered and credit transferred

S.No	Name of the Course	No.of Students applied credit transfer
1	Air pollution and Control	908
2	Environment And Development	506
3	Wastewater Treatment And Recycling	107
4	Municipal Solid Waste Management	44
5	Rural Water Resources Management	37
6	Natural Hazards	33
7	Water Quality Management Practices	29
8	Plastic Waste Management	22
9	Physics Of Renewable Energy Systems	17
10	Sustainable Energy Technology	14
11	Water and waste water treatment	13
12	Environmental Science	10
13	Business And Sustainable Development	8
14	Basic Environmental Engineering And Pollution Abatement	3
15	Introduction to Environmental Economics	3
16	Sustainable Power Generation Systems	3
17	Applied Environmental Microbiology	2
18	Groundwater hydrology and management	2
19	Energy Conversion Technologies (Biomass And Coal)	1
20	Energy Resources, Economics, and Sustainability	1
21	EV - Vehicle Dynamics and Electric Motor Drives	1
22	Introduction To Environmental Engineering And Science - Fundamental And Sustainability Concepts	1
23	Strategies for Sustainable Design	1
24	Sustainable Architecture	1
25	Sustainable Transportation Systems	1
Total		1768



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By offering these courses, universities can equip students with the knowledge, skills, and critical thinking necessary to address sustainability challenges and contribute to the achievement of the SDGs in their personal and professional lives.