



New Prince Shri Bhavani

College of Engineering
and Technology



Criterion :1.3 – Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

1.3.1-Institution integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum

The institution is affiliated to Anna University and the curriculum and syllabi are prescribed by Anna University. The Crosscutting issues like Gender, Environment and Sustainability, Human Values and Professional Ethics are well integrated into the Curriculum prescribed by Anna University. Few of the courses are listed below:

PROGRAMME CODE	PROGRAMME NAME	SUBJECT CODE & SUBJECT NAME	RELATED CROSSCUTTING ISSUE
106	B.E. - Electronics and Communication Engineering	GE8291- Environmental Science and Engineering	Environment and Sustainability
106	B.E. - Electronics and Communication Engineering	GE8076 - Professional Ethics in Engineering	Professional Ethics
106	B.E. - Electronics and Communication Engineering	GE8071- Disaster Management	Environment and Sustainability
106	B.E. - Electronics and Communication Engineering	MG8591- Principles of Management	Human Values
105	B.E. - Electrical and Electronics Engineering	GE 8077 - Total Quality Management	Professional Ethics
105	B.E. - Electrical and Electronics Engineering	GE8074- Human Rights	Human Values
105	B.E. - Electrical and Electronics Engineering	OCE551 - Air Pollution and Control Engineering	Environment and Sustainability
105	B.E. - Electrical and Electronics Engineering	ME8792 - Power Plant Engineering	Environment and Sustainability
105	B.E. - Electrical and Electronics Engineering	EE8703 - Renewable Energy Systems	Environment and Sustainability
105	B.E. - Electrical and Electronics Engineering	EE8712 - Renewable Energy Systems lab	Environment and Sustainability
105	B.E. - Electrical and Electronics Engineering	EE6009-Power Electronics for Renewable Energy systems	Environment and Sustainability
114	B.E - Mechanical Engineering	OAI551-Environment and Agriculture	Environment and Sustainability
114	B.E - Mechanical Engineering	OCE751- Environmental and Social Impact Assessment	Environment and Sustainability
103	B.E-Civil Engineering	ORO551- Renewable Energy Sources	Environment and Sustainability

103	B.E-Civil Engineering	CE8512- Water and Wastewater Analysis Laboratory	Environment and Sustainability
103	B.E-Civil Engineering	CE8612- Irrigation and Environmental Engineering Drawing	Environment and Sustainability
103	B.E-Civil Engineering	EN8591-Municipal Solid Waste Management	Environment and Sustainability
103	B.E-Civil Engineering	CE6503-Environmental Engineering - I	Environment and Sustainability
103	B.E-Civil Engineering	CE6611-Environmental Engineering Lab	Environment and Sustainability
103	B.E-Civil Engineering	CE8005- Air Pollution and Control Engineering	Environment and Sustainability
621	MCA-Master Of Computer Applications	MC5006- Professional Ethics	Professional Ethics
621	MCA-Master Of Computer Applications	MC5009-Human Resource Management	Human Values

These courses are taken up by students as part of curriculum, which has made our students to be more responsible towards environment and disciplined with values and good practices.

Professional Ethics and Human values

In view of promoting the professional ethics among the engineering graduates the Anna University has introduced professional ethics as an elective course. Even though it is in academic curriculum, the college takes efforts for integration of ethical and human values through extracurricular activities such personality development, yoga, meditation etc. The institute is organizing various programmes under various clubs to inculcate human values among students. Different activities like guest lecture, seminar and workshops relating to the professional ethics and human values have been organized for students. Different social activities have been initiated by the college like Health and Hygiene awareness programmes, Medical check-up camps, AIDS awareness programmes, Blood donation camps, etc. Apart from this, industrial visits are arranged for the students to know about the work culture and practices in the industries. Every year, in summer and winter vacation, the students are encouraged to undergo internship and training in leading organizations. This facilitates the students to get an exposure to a professional environment by solving problems and designing solution professionally.

Gender Equity Initiatives

The Institution strives to promote equality of opportunity and treatment for all men and women working and studying at the College. The college aims to foster an environment in which women

folks are treated equally and considered as a major asset for the Institution. Some of the initiatives made with respect to this are listed below:

- Various cells and committees such as Anti-Ragging Committee, Women empowerment cell, Grievance & Redressal Committee, Universal human value cell, Anti sexual harassment cell, etc are proactive in handling gender-based issues.
- Equal representation to all gender in various student councils.
- Equal opportunities to both the genders in terms of admissions, employment, training programs, sports activities, co-curricular activities and extracurricular activities.
- Separate hostel for boys and girls with state of art infrastructure.

Environment and sustainability initiatives

The Institution gives utmost care to protect our environment and teach our students about the environment and sustainability issues occurring in the society. Some of the initiatives taken are:

- Streets, parking and pavements have been provided natural green cover to reduce the heat island effect.
- We believe that eco-friendly is the best way to be conscious about the planet. E vehicle, Solar power plant, Smart light, Bio gas Plant, Sewage treatment plant, etc are implemented to provide Eco friendly campus.
- Rain water harvesting systems are installed and used to improve the groundwater.
- The institution organises workshops on climate change and global warming, environmental sustainability, waste management, etc.
- We also educate the public (village people) about the importance of growing more trees, conservation of water, save electricity, etc. through our extension activities.
- The students are involved in organizing these activities and educating the people. This helps the students also to know the importance of sustainable environment.
- Various committees and clubs like ECO club, NSS, Rotaract, YRC, etc are actively involved in creating awareness about climate change and they also organise various activities to educate students on the preservation of natural resources.

Special efforts made by the institution to integrate cross cutting issues such as Gender, Environment and Sustainability, Human Values and Professional Ethics etc. through several events organized by various committees, clubs , Departments, etc are given below:

Sl.No.	EVENT NAME	RELATED CROSSCUTTING ISSUE
1.	Training On Professional Development	Human Values
2.	Yoga Day Celebration	Human Values
3.	Women Safety And Kavalan App	Gender Equity
4.	Ways To Succeed In Placement	Human Values

5.	Seminar On Power Plan For Career Success	Human Values
6.	Seminar On Leadership Skills Enhancement	Human Values
7.	Training On Team Work Management Skills Through Communication	Human Values
8.	Legal Awareness Program	Human Values
9.	Seminar On Menstrual Safety And Hygiene	Gender Equity
10.	Seminar On Personality Development & Quantitative Analysis	Human Values
11.	Seminar On Entrepreneurship And Innovation As Career Opportunity	Human Values
12.	Health Awareness Camp	Human Values
13.	Blood Donation Camp	Human Values
14.	Corona Safety Awareness Webinar	Human Values
15.	International Literacy Day Webinar	Human Values
16.	Plastic Awareness Program	Environment and Sustainability
17.	Waste Energy Expo	Environment and Sustainability
18.	Republic Day –National Youth Day	Human Values
19.	Tree Plantation- Women's Day	Environment and Sustainability
20.	National Unity Day	Human Values
21.	Helmet Awareness Camp	Human Values
22.	Disaster Management and First Aid	Environment and Sustainability
23.	Care For Surroundings	Human Values

24.	Vaccination Camp	Human Values
25.	Drug Awareness Camp	Human Values
26.	Webinar on Green Nature Free from Pollution	Environment and Sustainability
27.	Webinar on Consumerization of Waste Products	Environment and Sustainability
28.	Webinar on Forest Protection	Environment and Sustainability
29.	Webinar on Environment Awareness	Environment and Sustainability
30.	Webinar on Role of Information Technology in Environment Protection	Environment and Sustainability
31.	Webinar on Biodiversity in Tamil Nadu	Environment and Sustainability
32.	Waste And Resource Action Campaign	Environment and Sustainability
33.	Dengue Awareness Campaign	Human Values
34.	Rain Water Harvesting Campaign	Environment and Sustainability
35.	Women Empowerment Through Agriculture	Gender Equity
36.	Lake Cleaning Process	Environment and Sustainability
37.	Village Cleaning Process	Human Values
38.	Malaria Awareness Campaign	Human Values
39.	Webinar on Bio-medical waste management	Environment and Sustainability
40.	Webinar on urban problem related to energy	Environment and Sustainability
41.	Workshop on "Promoting Social Entrepreneurship"	Professional Ethics
42.	FDP on "Technical education Quality Improvement Programme"	Professional Ethics

43.	Administrative Training Program on “Best Practices in Office Administration and Lab Maintenance”	Professional Ethics
44.	Workshop on "Self confidence"	Human Values