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Bapuji Educational Association®
Bapuji Institute of Engineering and Technology

Post Box No.: 325, Davanagere – 577 004, Karnataka, India
(Affiliated to Visvesvaraya Technological University and Approved by AICTE, New Delhi)

Accredited by NAAC with 'A' grade and NBA
Recognized by UGC, New Delhi under 2(f) and 12(B)

ಬಾಪುಜಿ ಇಂಜಿನಿಯರಿಂಗ್ ಮತ್ತು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ, ದಾವಣಗೆರೆ -577 004

Criterion	1	Curricular Aspects
Metric No.	1.3.1	Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

As BIET is affiliated to VTU, it adheres to the curriculum prescribed by the affiliating university. VTU curriculum (UG and/or PG) includes courses which integrate cross cutting issues relevant to Professional Ethics, Human Values, Environment and Sustainability.

As a part of curriculum, UG and PG students across all the disciplines of Engineering and Management are required to study courses like Constitution of India, Professional Ethics and Cyber Law, Environmental Studies, Management and Entrepreneurship etc.

Following are the courses that will be studied by UG and PG students which are relevant to professional ethics, gender, human values, environment and Sustainability.

Sl. No.	Branch	Course code	Course Title
1	First year [Common to all UG branches]	21SFH19/29	Scientific Foundations of Health
2	Biotechnology	18BT821	Environmental BioTechnology
		18CIV59	Environmental Studies
		18CPC39	Constitution of India, Professional Ethics and Cyber law
3	Chemical Engineering	18CPC39	Constitution of India, Professional Ethics and Cyber law
		18CH51	Management and Entrepreneurship
		18CH55	Industrial Pollution Control
		17CH51	Process Industry Management
		18CIV59	Environmental Studies

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Mission: BIET contributes to the growth and development of its students by imparting a broad based engineering education and empowering them to be successful in their chosen field by inculcating in them positive approach, leadership qualities and ethical values.

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Sl. No.	Branch	Course code	Course Title
4	Civil Engineering	18CPC39	Constitution of India, Professional Ethics and Cyber law
		18CV51	Construction Management and Entrepreneurship
		18CIV59	Environmental Studies
		18CV654	Sustainability concepts in Civil Engineering
		18CV753	Environmental Protection and Management
5	Computer Science Engineering	18CPC39	Constitution of India, Professional Ethics and Cyber law
		18CIV59	Environmental Studies
		18CS51	Management and Entrepreneurship for IT industry
		18CS52	Computer Networks and Security
6	Electronics and Instrumentation Engineering	18CPC39	Constitution of India, Professional Ethics and Cyber law
		18ES51	Technological Innovation Management and Entrepreneurship
		18CIV59	Environmental Studies
7	Electronics and Communication Engineering	18CPC39	Constitution of India, Professional Ethics and Cyber law
		18ES51	Technological Innovation Management and Entrepreneurship
		18CIV59	Environmental Studies
8	Electrical and Electronics Engineering	18CPC39	Constitution of India, Professional Ethics and Cyber law
		18EE51	Management and Entrepreneurship
		18CIV59	Environmental Studies
9	Information Science Engineering	18CPC39	Constitution of India, Professional Ethics and Cyber law
		18CS35	Software Engineering

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Sl. No.	Branch	Course code	Course Title
		18CS51	Management and Entrepreneurship for IT industry
		18CS52	Computer Networks and Security
		18CIV59	Environmental Studies
10	Mechanical Engineering	18CPC39	Constitution of India, Professional Ethics and Cyber Law
		18CIV59	Environmental Studies
		18ME734	Total Quality Management
		18CIV59	Environmental Studies
11	Textile Technology	18CPC39	Constitution of India, Professional Ethics and Cyber Law
		18TX51	Management and Entrepreneurship In Textile Industry
		18CIV59	Environmental Studies
12	MBA	20MBA26	Entrepreneurship Development and Legal Aspects
13	M Tech - Environmental Engineering	20CEE241	Environmental Geo-technology
		20CEE243	Environmental Planning & Management
		20CEE253	Renewable Energy and Alternative Fuels
		20CEE321	Climate Change and Globalization
		20CEE322	Natural resources conservation and Management

These courses are very much essential for the students to identify the vital societal issues apart from their core domain of the study. By studying these courses, students will inculcate additional qualities to solve real life problems for the growth and betterment of society and nation.

Through the student induction programme (SIP), technical talks on universal human values (UHV) and professional ethics will be delivered by the experts so as to build the value of education among

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the first year students. Institution has also formulated a UHV cell involving faculties of all the domains who have undergone FDP on UHV offered by AICTE.

Department of Civil Engineering has conducted a 2 days workshop on UHV to the faculties of BIET and neighboring Institutes on November 29th and 30th of 2021 to expose the faculties to understand the importance of UHV.

As such, the Institution does not offer any course related to gender, but the Institution celebrates Women's Day on 8th of March every year. Institution also has a Women Empowerment Cell and conducts various activities for girl students and women faculties. Also, the Institution has sufficient infrastructure to provide basic amenities to the girl students and ladies staff members of the college.

To create awareness on environment, Institution celebrates World Environment Day every year on 5th of June and also organizes tree plantation programme on special occasions. Institution also invites resource persons to deliver technical talks on environment related issues and also on occupation health and safety. Use of plastic is strictly prohibited in the campus and campus.

Technical talks by Experts on Professional Ethics, Cyber Law/Crime and IPR have also been organized by some departments of the Institution to enlighten students and faculties on ongoing problems in an era of today's digital world.

Apart from the technical knowledge and skills, to be successful as professionals, students should have excellent soft skills, leadership qualities and team spirit. They should have entrepreneurial capabilities and societal commitment. In order to match these multifarious requirements, **All India Council of Technical Education (AICTE)** has created a unique mechanism of awarding minimum 100 activity points over and above the academic grades, which the student has to earn to get eligibility for the award of BE degree by **Visvesvaraya Technological University (VTU)**. The

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objectives of AICTE activity points program is to expose students to societal problems by gathering and analyzing the data collected, propose a solution and implement a solution to solve the problem, thus bringing confidence among the engineering students to take up projects with societal impact by creating digital awareness.

In this regard, each department identifies a nearby village which needs basic education regarding health, hygiene, digital literacy etc. Faculties of the Department accompany students to the identified villages and following activities are performed in the village in connection with AICTE Activity Points Programme.

Cleaning the public buildings of the village and lakes or ponds.

Creating awareness on monitoring the hygiene in the village, managing garbage disposal system, sewage disposal, effect of drinking polluted water and water borne diseases, COVID variants and vaccination program.

Creating awareness on voter ID registration, right to information, girl education and computer education, various financial benefits offered by the government both for education and occupation.

Supporting Documents / Additional Information:

Sl. No.	Description	Link for the Document
1	Scheme & Syllabus relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability	View Document
2	Women's Day Celebration Sample report	View Document
3	UHV Workshop Report	View Document
4	NSS activities Sample Report	View Document
5	AICTE Activity sample report	View Document

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