



# Govindrao Wanjari College of Engineering & Technology, Nagpur

## Criterion No.7

### Human Values and Professional Ethics

7.1.9 Sensitization of students and employees of the Institute to the constitutional obligations : values, rights, duties and responsibilities of citizens

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### List and Syllabus of Courses

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## Celebration of Constitution Day

Govindrao Wanjari College of Engineering and technology has celebrated the Constitution Day (Samvidhan Divas)" on November 26th, 2021 at the college. The Objective of the program is to inculcate constitutional obligations among students, to create awareness about constitution, to sensitise the students about importance of constitution day. On this occasion, as an important part of the celebration, the esteemed Principal Dr. Salim Chavan read the Preamble of the Indian Constitution.. To the citizens what are the fundamentals rights granted importance of rights and explained about duties of the citizens in the constitution. With the collaboration of IQAC the constitution day was organized in the college. On this special day Principal Dr. Salim Chavan Preached the oath to the students and teachers. In this program NSS Program officer Dr, Chandrakant Khobragade and entire faculties of the institute were present.





Amar Sewa Mandal

**Govindrao Wanjari College of Engineering and Technology**

148,149 Salai Godhani, Hudkeshwar Road, Nagpur



### **Azadi ka Amrut Mohostav**

Govindrao Wanjari College of Engineering and Technology, Hudkeshwar Road, Nagpur began the commemoration of Azadi ka Amrit Mahotsav - to mark the 75th year of India's Independence with enthusiasm and gaiety. The Institute organized a 'Prabhat Pheri' in the early morning on 11th August 2022. On this occasion, The Hon'ble Secretary of Amar Sewa Mandal, Adv. Abhijitji Wanjari, Hon'ble Dr. Smeeta Wanjari madam & Senate member RTMNU, Principal Dr. Salim Chavan and Prof. Prashant Gumgaonkar, Program Officer (N.S.S) of GW CET, teaching and non-teaching staff, students were present.

To commemorate the spirit of Azadi Ka Amrit Mahotsav, GW CET students had planned and lined up numerous events from 10th August onwards. Students' clubs have organized Independence Day Quizzes, Essay writing competition, poster making competitions, Rangoli competition and so on.

The NSS volunteers are explained about Azadi ka Amrut Mohostav to all our college students teaching and non-teaching staff. Here are the few words about the Azadi ka Amrut Mohostav that are explained about freedom is a precious gift from our Freedom fighters; let's celebrate this Azadi ka Amrit Mahotsav together.

Azadi ka Amrit Mahotsav means the festival of completing 75 Years of Independence of the country. As you know that 15th August 1947 was the historic day when our country got freedom from the rule of Britishers.



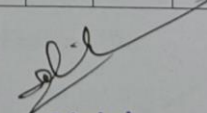




Dr. Babasaheb Ambedkar Technological Engineering  
Teaching and Evaluation Scheme for First Year B. Tech. (All Branches)

Group A

| Semester I  |  |   |          |           |                   |            |            |            |                                      |  |
|-------------|--|---|----------|-----------|-------------------|------------|------------|------------|--------------------------------------|--|
| Course Code | Course Title   | Teaching Scheme                                       |          |           | Evaluation Scheme |            |            |            | Credit                               |  |
|             |  | L   | T        | P         | CA                | MSE        | ESE        | Total      |                                      |  |
| Mandatory   | <b>Induction Program</b>   | <b>3-weeks duration in the beginning of semester.</b> |          |           |                   |            |            |            |                                      |  |
| BTBS101     | Engineering Mathematics- I   | 3   | 1        | -         | 20                | 20         | 60         | 100        | 4                                    |  |
| BTBS102     | Engineering Physics  | 3   | 1        | -         | 20                | 20         | 60         | 100        | 4                                    |  |
| BTES103     | Engineering Graphics   | 2   | -        | -         | 20                | 20         | 60         | 100        | 2                                    |  |
| BTHM104     | Communication Skills   | 2   | -        | -         | 20                | 20         | 60         | 100        | 2                                    |  |
| BTES105     | Energy and Environment Engineering   | 2   | -        | -         | 20                | 20         | 60         | 100        | 2                                    |  |
| BTES106     | Basic Civil and Mechanical Engineering   | 2   | -        | -         | 50                | -          | -          | 50         | Audit                                |  |
| BTBS107L    | Engineering Physics Lab  | -   | -        | 2         | 60                | -          | 40         | 100        | 1                                    |  |
| BTES108L    | Engineering Graphics Lab   | -   | -        | 4         | 60                | -          | 40         | 100        | 2                                    |  |
| BTHM109L    | Communication Skills Lab.  | -   | -        | 2         | 60                | -          | 40         | 100        | 1                                    |  |
|             |  | <b>14</b>   | <b>2</b> | <b>8</b>  | <b>330</b>        | <b>100</b> | <b>420</b> | <b>850</b> | <b>18</b>                            |  |
| Semester II |  |   |          |           |                   |            |            |            |                                      |  |
| BTBS201     | Engineering Mathematics-II   | 3   | 1        | -         | 20                | 20         | 60         | 100        | 4                                    |  |
| BTBS202     | Engineering Chemistry  | 3   | 1        | -         | 20                | 20         | 60         | 100        | 4                                    |  |
| BTES203     | Engineering Mechanics  | 2   | 1        | -         | 20                | 20         | 60         | 100        | 3                                    |  |
| BTES204     | Computer Programming in C  | 2   | -        | -         | 20                | 20         | 60         | 100        | 2                                    |  |
| BTES205     | Workshop Practices   | -   | -        | 4         | 60                | -          | 40         | 100        | 2                                    |  |
| BTES206     | Basic Electrical and Electronics Engineering   | 2   | -        | -         | 50                | -          | -          | 50         | Audit                                |  |
| BTES207L    | Computer Programming Lab   | -   | -        | 2         | 60                | -          | 40         | 100        | 1                                    |  |
| BTBS208L    | Engineering Chemistry Lab  | -   | -        | 2         | 60                | -          | 40         | 100        | 1                                    |  |
| BTES209L    | Engineering Mechanics Lab  | -   | -        | 2         | 60                | -          | 40         | 100        | 1                                    |  |
| BTES210P    | Mini Project   | -   | -        | 2         | 60                | -          | 40         | 100        | 1                                    |  |
| BTES211P    | Field Training / Internship/Industrial Training (minimum of 4 weeks which can be completed partially in first semester and second Semester or in at one time). | -   | -        | -         | -                 | -          | -          | -          | Credits To be evaluate d in III Sem. |  |
|             |  | <b>12</b>   | <b>3</b> | <b>12</b> | <b>430</b>        | <b>80</b>  | <b>440</b> | <b>950</b> | <b>19</b>                            |  |
|             |  |   | 27       |           |                   |            |            |            |                                      |  |

  
Principal  
Govindrao Wanjari College  
of Engineering & Technology  
148, Salai Godhani, Near Chikna,  
Hudkeshwar Road, Nagpur.

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur  
Faculty of Engineering and Technology  
B.E 3<sup>rd</sup> sem (IT)  
Subject: Universal Human Values (Theory)

CREDITS: 02

Teaching Scheme: 2 Hours/Week:

Examination Scheme: University Assessment: 35 Marks  
College Assessment: 15 Marks

**Aim: To inculcate sensitivity among students towards themselves and their surrounding including family, society and nature**

**Objective:** The objective of the course is four fold:

1. Development of a holistic perspective based on self-exploration, about themselves (human being), family, society and nature/existence.
2. Understanding (or developing clarity) of the harmony in the human being, family, society and nature/existence
3. Strengthening of self-reflection.
4. Development of commitment and courage to act.

**Course outcomes:** By the end of the course,

1. Students are expected to become more aware of themselves, and their surroundings (family, society, nature)
2. Students would become more responsible in life, and in handling problems with sustainable solutions, while keeping human relationships and human nature in mind.
3. They would have better critical ability.
4. They would also become sensitive to their commitment towards what they have understood (human values, human relationship and human society).

**Unit 1**

Value education, definition, need for value education. The content and the process of value education, basic guidelines for value education, self-exploration as a means of value education, happiness and prosperity as part of value education. (6 hours)

**Unit 2**

Harmony of self with body, coexistence of self and body, understanding the needs of self and the needs of body, understanding the activities in the self and the activities in the body. (6 hours)

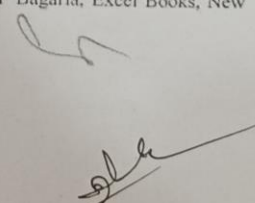
**Unit 3**

Values in relationship, the five dimensions of human endeavour, the holistic perception of harmony in existence. (6 hours)

**Unit 4**

Basics for ethical human conduct, defects in ethical human conduct, human rights violations and social disparities, value based life. (6 hours)

**Text Book:** Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books, New Delhi, 2010

  
Principal  
Govindrao Wanjari College  
of Engineering & Technology  
148, Salai Godhani, Near Chikna,  
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RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR  
FOUR YEAR BACHELOR OF ENGINEERING (B.E.) DEGREE COURSE  
SEMESTER: 3<sup>rd</sup> (C.B.C.S.)

BRANCH: COMPUTER SCIENCE & ENGINEERING

Subject : *Universal Human Values*

Subject Code : BECSE306T

| Load            | Credits | College Assessment Marks | University Evaluation | Total Marks |
|-----------------|---------|--------------------------|-----------------------|-------------|
| 02 Hrs (Theory) | 02      | 15                       | 35                    | 50          |

**Aim:** To inculcate sensitivity among students towards themselves and their surrounding including family, society and nature.

**Prerequisite(s):** None

**Course Objectives:**

|   |  |
|---|--|
| 1 | Development of a holistic perspective based on self-exploration, about themselves (human being), family, society and nature/existence. |
| 2 | Understanding (or developing clarity) of the harmony in the human being, family, society and nature/existence.                         |
| 3 | Strengthening of self-reflection.  |
| 4 | Development of commitment and courage to act.  |

**Course Outcomes:**

At the end of this course Student are able to:

|     |   |
|-----|---|
| CO1 | Become more aware of themselves, and their surroundings (family, society, nature)   |
| CO2 | Become more responsible in life, and in handling problems with sustainable solutions, while keeping human relationships and human nature in mind. |
| CO3 | They would have better critical ability.  |
| CO4 | Become sensitive to their commitment towards what they have understand (human values, human relationship and human society).                      |

**Unit 1**

[06 Hrs]

Value education, definition, need for value education. The content and the process of value education, basic guidelines for value education, self-exploration as a means of value education, happiness and prosperity as part of value education.

**Unit 2**

[06 Hrs]

Harmony of self with body, coexistence of self and body, understanding the needs of self and the needs of body, understanding the activities in the self and the activities in the body.

  
  
Principal  
Govindrao Wanjari College 12  
of Engineering & Technology  
148, Salai Godhani, Near Chikna,  
Hachchur Road, Nagpur

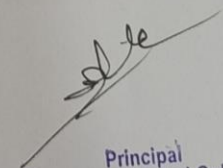


#### Activity

1. Field Trip & Report Writing
2. Case-study & Report Writing

#### Reference Books:

1. Benny Joseph, Environmental Studies, Mc Graw Hill Education (India) Private Limited
2. B.K. Sharma, Environmental Chemistry, Goel Publishing House, Meerut
3. P. Aarne Vesilind, J. Jeffrey Peirce and Ruth F. Weiner, Environmental Pollution and Control, Butterworth-Heinemann
4. D.D. Mishra, S.S. Dara, A Textbook of Environmental Chemistry and Pollution Control, S. Chand & company Ltd.
5. Shree Nath Singh, Microbial Degradation of Xenobiotics, Springer-Verlag Berlin Heidelberg
6. Indian Environmental Law: Key concepts and Principles edited by Shibani Ghosh, Publisher, Orient BlackSwan, 2019. ISBN, 9352875796.
7. P. Thangavel & Sridevi, Environmental Sustainability: Role of Green technologies, Springer publications.

  
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