

**HAND BOOK  
ON  
HUMAN VALUES AND PROFESSIONAL ETHICS**



**Dr. Thimmaiah Institute of Technology  
Oorgaum Post, KGF - 563120**

**(Approved by AICTE, New Delhi, Affiliated to VTU - Belagavi,  
Approved by Govt. of Karnataka ISO 21001:2018 Certified)**

*[Handwritten Signature]*  
17/12/21  
**PRINCIPAL**

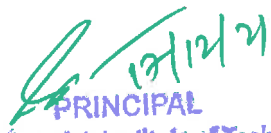
**Dr. T. Thimmaiah Institute of Technology  
Oorgaum, K. G. F- 563120**



**Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY**  
(Estd. 1986) Oorgaum, Kolar Gold Fields, Karnataka – 563120  
(Affiliated to VTU, Belgaum, Approved by AICTE - New Delhi)

**INDEX**

| Sl.No | CONTENT   | PAGE NO. |
|-------|---|----------|
| 1     | VISION & MISSION OF THE INSTITUTE               | 3        |
| 2     | SCOPE (HUMAN VALUES & PROFESSIONAL ETHICS)      | 4        |
| 3     | OBJECTIVES (HUMAN VALUES & PROFESSIONAL ETHICS) | 5        |
| 4     | MORALLY DESIRABLE AND RESPONSIBLE CONDUCT       | 6        |
| 5     | HUMAN VALUES                                    | 7-10     |

  
PRINCIPAL  
Dr. T. Thimmaiah Institute of Technology  
Oorgaum, K. G. F- 563120

## **Vision of the Institution**

To produce technically competent engineers having innovative skills positive attitude, leadership and professional ethics, with a focus on developing sustainable and new technology.

## **Mission of the Institution**

- Create a conducive environment for teaching, learning and innovation by providing state of the art infrastructure.
- Learn sustainable and new technologies through industry institute collaborations.
- Produce technically competent engineers with ethics, discipline and social consciousness through holistic education.

## **About Institution:**

Dr. T. Thimmaiah Institute of Technology (Formerly Known as Golden Valley Institute of Technology - GVIT) was started in the year 1986 at Kolar Gold Fields by Dr. T. Thimmaiah, Ph.D (London), IAS (Retired), as the founder President under the aegis of Golden Valley Educational Trust, with the sole purpose of imparting quality technical education.

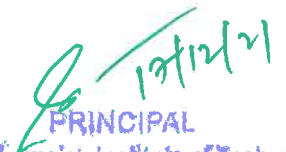
Dr. T. Thimmaiah Institute of Technology is affiliated to Visvesvaraya Technological University (VTU) - Belagavi, Karnataka and is approved by the All India Council for Technical Education (AICTE) - New Delhi, and at present offers Degree Courses in Engineering as given below.

## **Under Graduate Courses**

1. [Mechanical Engineering](#)
2. [Electrical & Electronics Engineering](#)
3. [Mining Engineering](#)
4. [Electronics & Communication Engineering](#)
5. [Computer Science & Engineering](#)
6. [Civil Engineering](#)

## **Post Graduate Courses**

1. [PG in Machine Design \(Mechanical\)](#)

  
PRINCIPAL  
Dr. T. Thimmaiah Institute of Technology  
Oorgaum, K. G. F- 553120

## **SCOPE: HUMAN VALUES & PROFESSIONAL ETHICS**

Engineering is changing science into valuable products for human comfort. Ethics is the ability as well as responsibility of an engineer to judge his decisions from the context of the general wellbeing of the society. It is the study of moral issues that confront engineers and engineering organizations when some essential choices are taken. Engineering research and practice necessitates that the errand being performed considers all the advantages and disadvantages of a specific activity and its execution. Teaching engineering ethics in academic institutions is embraced to a great extent through many case studies for creating awareness interactively among engineering students of all disciplines. By studying engineering ethics, the students develop awareness and are able to take their decisions on moral and ethical grounds.

Ethical standards in engineering are influenced by many factors:

1. Engineering as an experimentation for the good of mankind is a notable factor involving far reaching consequence,
2. Ethical dilemmas make engineering decisions relatively difficult to make.
3. Risk and safety of citizens as a social responsibility is a prime concern of an engineer.
4. Technological advancement can be very demanding on the engineering skill in the global context.
5. Moral values and responsible conduct will play a crucial role in decision making.

The study of engineering ethics with in an engineering program helps students prepare for their professional lives. A specific advantage for engineering students who learn about ethics is that they develop clarity in their understanding and thought about ethical issues and the practice in which they arise. The study of ethics helps students to develop widely applicable skills in communication, reasoning and reflection. These skills enhance students' abilities and help them engage with other aspects of the engineering program such as group work and work placements.

  
PRINCIPAL  
Dr. T. Thimmaiah Institute of Technology  
Oorgaam, K. G. F- 563120

## **OBJECTIVES: HUMAN VALUES & PROFESSIONAL ETHICS**

The prime objective of knowing and prescribing to Human Values are as follows:

1. To understand the moral values that ought to guide the engineering profession,
2. To create an awareness on Engineering Ethics and Human Values.
3. To inspire Moral and Social Values and Loyalty.
4. To appreciate the rights of others.
5. Resolve the moral issues in the profession,
6. To justify the moral judgment concerning the profession.
7. Intended to develop a set of beliefs, attitudes, and habits that engineers should display concerning morality.

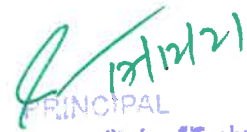
The prime objectives of the Professional Ethics are as follows:

1. Moral awareness (proficiency in recognizing moral problems in engineering like plagiarism and patenting)
2. Convincing moral reasoning (comprehending, assessing different views)
3. Moral coherence (forming consistent viewpoints based on facts)
4. Moral imagination (searching beyond obvious the alternative responses to issues and being receptive to creative solutions)
5. Moral communication, to express and support one's views to others.

  
PRINCIPAL  
Dr. T. Thimmaiah Institute of Technology  
Oorgaum, K. G. F- 533120

## **MORALLY DESIRABLE AND RESPONSIBLE CONDUCT**

1. Moral reasonableness i.e., willing and able to be morally responsible.
2. Moral hope i.e., believes in using rational dialogue for resolving moral conflicts.
3. Respect for persons, which means showing concern for the well-being of others, besides oneself.
4. Tolerance of diversity i.e., respect for ethnic and religious differences, and acceptance of reasonable differences in moral perspectives.

  
PRINCIPAL

Dr. T. Thimmaiah Institute of Technology  
Oorgaum, K. G. F- 563120

## **HUMAN VALUES**

### **MORALS:**

Moral are the worthy ideals or principles that one follows to distinguish the right from the wrong. These ideals or virtues are considered worthy in building up the character of an individual.. They were edited, changed or modified by rulers (dynasty) according to the development of knowledge in engineering and technology from time to time. Moral Value refers to the good virtues such as honesty, integrity, truthfulness, compassion, helpfulness, love, respectfulness, hard-work, etc Morality is concerned with principles and practices of morals such as: (a) What ought or ought not to be done in a given situation? (b) What is right or wrong about the handling of a situation? and (c) What is good or bad about the people, policies, and ideals involved?

**VALUES:** Human value is defined as “a principle that promotes well-being or prevents harm. The various people responsible for inculcating and evolving human values are parents, religious leaders & gurus in daily life and teachers at the institute’s level. Human values can assure a happy and harmonious human society. At Dr.T.Thimmaiah institute of Technology, we cultivate and inculcate these values in the students and staff through teaching and conducting various value based activities.

### Types of Values

Values related to Right Conduct are:

(a) **Self-help Skills:** Care of possessions, diet, hygiene, modesty, posture, self reliance, and tidy appearance .

(b) **Social Skills:** Good behavior, good manners, good relationships, helpfulness, No wastage, and good environment.

(c) **Ethical Skills:** Code of conduct, courage, dependability, duty, efficiency ingenuity, initiative, perseverance, punctuality, resourcefulness, respect for all, and responsibility

**PEACE:** Attention, calmness, concentration, contentment, dignity, discipline, equality, equanimity, faithfulness, focus, gratitude, happiness, harmony, humility, inner silence, optimism, patience, reflection, satisfaction, self-acceptance, self-confidence, self-control, self-discipline, self-esteem, self-respect, sense control, tolerance, and understanding.

**TRUTH:** Accuracy, curiosity, discernment, fairness, fearlessness, honesty, integrity (unity of thought, word, and deed), intuition, justice, optimism, purity, quest for knowledge, reason, self-analysis, sincerity, sprit of enquiry, synthesis, trust, truthfulness, and determination.

**LOVE:** Acceptance, affection, care, compassion, consideration, dedication, devotion, empathy, forbearance, forgiveness, friendship, generosity, gentleness, humanness, interdependence, kindness, patience, patriotism, reverence, sacrifice, selflessness, service, sharing, sympathy, thoughtfulness, tolerance and trust

  
PRINCIPAL  
Dr. T. Thimmaiah Institute of Technology  
Oorgaum, K. G. F- 563120



## **NON-VIOLENCE:**

### **Psychological:**

Benevolence, compassion, concern for others, consideration, forbearance, forgiveness, manners, happiness, loyalty, morality, and universal love.

### **Social:**

Appreciation of other cultures and religions, brotherhood, care of environment, citizenship, equality, harmlessness, national awareness, perseverance, respect for property, and social justice.

## **INTEGRITY:**

Integrity is defined as the unity of thought, word and deed (honesty) and open mindedness. It includes the capacity to communicate the factual information so that others can make well-informed decisions. It yields the person's peace of mind, and hence adds strength and consistency in character, decisions, and actions. This paves way to one's success. It is one of the self-direction virtues. It enthruses people not only to execute a job well but to achieve excellence in performance. It helps them to own the responsibility and earn self-respect and recognition by doing the job. Moral integrity is defined as a virtue, which reflects a consistency of one's attitudes, emotions, and conduct in relation to justified moral values. Integrity comes in many forms, but honesty and dependability are two traits that are expected in most workplace situations. Without responsible behavior, distrust can make a work environment tense and uncomfortable. A strong work ethic shows co-workers and clients that you're reliable and take your responsibilities seriously. Polite communication, respectable behavior and fiscal responsibility also help you stand out as a trustworthy employee.


### **Follow Institutional Policies:**

Abiding by institution policies is a powerful way to demonstrate integrity. Cutting corners and neglecting to follow workplace regulations can lead to mistakes, problems and even dangerous situations.

**Service Learning:** Service-learning seeks to engage individuals in activities that combine both community service and academic learning. Because service-learning programs are typically rooted in formal courses (core academic, elective, or vocational), the service activities are usually based on particular curricular concepts that are being taught. Service-learning is a teaching method which combines community service with academic instruction as it focuses on critical, reflective thinking and civic responsibility. Service-learning programs involve students in organized community service that addresses local needs, while developing their academic skills, sense of civic responsibility, and commitment to the community.

**Service-Learning Program Provides Educational Experiences:** Under which students learn and develop through active participation in thoughtfully organized service experiences that meet actual community needs and that are coordinated in collaboration with school and community.

The engineering student analyzing and executing a socially-relevant project is another example of service learning. The service learning is a methodology falling under the category of experiential education. It is one of the forms of experiential learning and community service opportunities.

  
PRINCIPAL  
Dr. T. Thimmaiah Institute of Technology  
Coorgaum, K. G. F- 583120



It is distinguished in the following ways:

1. **Connection to curriculum:** Integrating the learning into a service project is a key to successful service learning. Academic ties should be clear and built upon existing disciplinary skills.
2. **Learner's voice:** Beyond being actively engaged in the project, trainees have the opportunity to select, design, implement, and evaluate their service activity.
3. **Reflection:** Structured opportunities are created to think, talk, and write about the service experience. The balance of reflection and action allows the trainee to be constantly aware of the impact of their work.
4. **Partners in the community:** Partnership with community agencies are used to identify genuine needs, provide mentorship, and contribute input such as labor and expertise towards completing the project.


### **SERVICE-LEARNING BENEFITS**

Service-Learning benefits students by:

- Linking theory to practice
- Deepening understanding of course materials
- Enhancing the sense of civic responsibility through civic engagement
- Allowing students to explore possible career paths
- Stressing the importance of improving the human condition
- Developing relevant career-related skills
- Providing experience in group work and interpersonal communication
- Promoting interaction with people from diverse backgrounds
- Instilling a sense of empowerment that enhances self-esteem

Service-Learning benefits faculty by:

- Providing exciting new ways to teach familiar material
- Offering professional development challenges
- Engaging faculty in meaningful interactions with the community at large
- Encouraging faculty to form close, interactive, mentoring relationships with students
- Reminding faculty of the direct consequences of their teaching for society
- Connecting faculty across academic disciplines through a shared approach to teaching and learning process.

  
PRINCIPAL  
Dr. Y. Thimmaiah Institute of Technology  
Oorgaam, K. G. F- 563120


## **CIVIC VIRTUE:**

Civic virtues are the moral duties and rights, as a citizen of the village or the country or an integral part of the society and environment. An individual may exhibit civic virtues by voting, volunteering, and organizing welfare groups and meetings. The duties are:

- To pay taxes to the local government and state, in time.
- To keep the surroundings clean and green.
- Not to pollute the water, land, and air by following hygiene and proper garbage disposal. For example, not to burn wood, tyres, plastic materials, spit in the open, even not to smoke in the open, and not to cause nuisance to the public, are some of the civic (duties) virtues.
- To follow the road safety rules.

## **RESPECT FOR OTHERS:**

- This is a basic requirement for nurturing friendship, team work, and for the synergy it promotes and sustains.  
The principles enunciated in this regard are:
- Recognize and accept the existence of other persons as human beings, because they have a right to live, just as you have.
- Respect others' ideas (decisions), words, and labor (actions). One need not accept or approve or award them, but shall listen to them first. One can correct or warn, if they commit mistakes. Some people may wait and watch as fun, if one falls, claiming that they know others mistakes before and know that they will fall! Appreciate colleagues and subordinates on their positive actions. Criticize constructively and encourage them. They are bound to improve their performance, by learning properly and by putting more efforts.
- Show goodwill on others. Love others. Allow others to grow. Basically, the goodwill reflects on the originator and multiplies itself on everybody. This will facilitate co linearity, focus, coherence, and strength to achieve the goals.

  
PRINCIPAL  
Dr. T. Thirumalaiah Institute of Technology  
Oorgaam, K. G. F- 563120



# Dr.T. THIMMAIAH INSTITUTE OF TECHNOLOGY

(Estd. 1986) Oorgaum, Kolar Gold Fields, Karnataka – 563120

(Affiliated to VTU, Belgaum, Approved by AICTE - New Delhi)

## CODE OF CONDUCT FOR STUDENTS

### 1.1. DRESS CODE

Formal dress with blazer, and ID cards

Boys: Shirt,Pant tucked in with belt and shoes.

Girls: Chudidhars with Duppattta, Pant, Shirt, shoes and sleeveless is not permitted with in the campus.

### 1.2. GENERAL DISCIPLINARY RULES

- 1 To maintain dignity, decency, calmness .
- 2 To be regular and punctual to the classes and to be in the class at least 5 minutes before the commencement of the period. Everyday's cumulative attendance of the student will be sent to their parent's mobile as SMS/Whatsapp. So the student should update his/her mobile no. and their parent/guardian mobile number if changed.
- 3 Use of cell phones/mobiles in the academic area is prohibited as per VTU.
- 4 To inculcate the habit of looking into Notice boards of the college / department every day.
- 5 To attend all counseling sessions convened by their mentors and feel free to explain their academic/ personal/ career difficulties and seek their solutions.
- 6 To note that in all discipline matters the decision taken by the Principal is final and will be binding on all the students involved.
- 7 Not to form any formal and informal groups on the basis of caste, community and religion.
- 8 Eve teasing is prohibited.
- 9 To note that action will be taken against those indulge violence in the campus, destruction of college property, and misbehavior in any form inside or outside the classroom.
- 10 To note that ragging in any form, within or outside the institution is strictly prohibited (refer Prohibition of Ragging in Educational Institutions Act 26 of 1997). Any student convicted of the offence of ragging will be punished with imprisonment as laid down in the said Act.
- 11 To note that defacing of the campus buildings and walls by sticking bills posters etc. or by writing is prohibited.

  
13/1/21  
PRINCIPAL

Dr. T. Thimmaiah Institute of Technology  
Oorgaum, K. G. F- 563120



## **Dr.T. THIMMAIAH INSTITUTE OF TECHNOLOGY**

(Estd. 1986) Oorgaum, Kolar Gold Fields, Karnataka – 563120

(Affiliated to VTU, Belgaum, Approved by AICTE - New Delhi)

### **1.3. RULES & REGULATIONS REGARDING INTERNALS / END EXAMINATIONS**

1. Student should maintain silence in the examination hall.
2. Students should carry identity card and Hall ticket for internal and semester examinations.
3. There is no grace period for entering into the exam hall after the commencement of exam both for internal and semester examinations. However, the student will be allowed to enter into the exam hall 30 minutes before the commencement of exam.
4. Students should fill in all the particulars on the main answer books. Students are required to write their University Seat Number in the space provided on the main answer sheet and also in the Question paper.
5. Carrying mobile phones during examinations is strictly prohibited. Any mobile phone found in possession of the student will be confiscated and also a malpractice case will be booked.
6. Any malpractice noticed in the exam halls will be viewed seriously.
7. Students should not move in the corridors of the examination halls before the commencement and after completion of exam.
8. Students are required to go through the instructions on the Main Answer Booklet.

  
12/1/22  
INTERNAL  
Dr. T. Thimmaiah Institute of Technology  
Oorgaum, K. G. F- 563120