



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal - 500 043, Hyderabad, Telangana

Examinations Control Office

Examination

B TECH VI SEMESTER END EXAMINATIONS REGULAR JUNE 2025 REG UG20

Month & Year

1-Jun

Date

25/06/2025

Course Name

SOFTSKILLS AND INTERPERSONAL COMMUNICATIONS

Course Code

AHSC15

E-Code

11030

Instructions to Evaluators

- ❖ Evaluators should spend at least 3-5 minutes on one answer booklet during the evaluation.
- ❖ Evaluators should cross check that marks are allotted for all the attempted questions.
- ❖ The marks should be assigned fairly according to the mark distribution specified in the scheme of evaluation.
- ❖ For questions that were attempted incorrectly, evaluators are required to award zero marks.
- ❖ The evaluator must give a proper justification in case of any mistakes identified in the marks provided.

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Q.No.

1. a Hard skills and Soft skills :-

The hard skills refer to the technical skills that are gained by experience and knowledge in a domain, whereas the soft skills refer to the non-technical, communication and interpersonal skills. They define how you behave with other people. In software industry or any other domains, the soft skills play an important role to develop one's career. The soft skills are gained by observing other people and learning how to act with people.

Significance of Soft skills for engineering students.

The soft skills are important for engineering student. The student needs proper behaviour, communication and interpersonal skills. These will help the student to adapt to his/her future position. The soft skill will help the student to, properly speak with faculty and superiors, how to be a leader and manage the teams., proper sitting position and usage of proper gesture and



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sitting in a proper posture while in a classroom

* soft skills in a classroom :-

When a student is attending a class he should use his soft skills to properly vibe with the class. like listening actively and maintaining proper sitting posture, showing body language and expressing his feelings of agreement or doubt to the teacher. This will help the faculty to determine whether the students are following the class or not.

* Soft skills as a team-leader :-

Engineering students will have many activities and projects. So here soft-skills play a significant role while playing and working together as a team. The team leader should show proper leadership qualities which is a soft skill. He should be able to manage and co-ordinate & guide the team. Same as the team members should also co-operate with the leader.



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1.b. "We never get a second chance to make the first impression".

Yes, I do agree with the statement, "We never get a second chance to make a first impression". As the word implies to the first contact. The first impression is the initial opinion about a person, made when we look at that person, and it is made based on their dressing sense, Verbal and non-verbal activities etc. Once the first impression is made we don't get a second chance to change how people feel or understand about us.

Example: ① Let us consider an interview

In this example, let us consider ^{two} persons going to the same interview.

The first person is following proper etiquette like dress-code (formal), neat-shoes, nice hairstyle and properly greet the interviewer when he arrived.

→ This activity will make a good first impression about the person that arrived first, and make an opinion that he a decent guy.



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called the second person going to the same interviewer without a proper dress (like a T-shirt) and coloured hair, wearing slipper and a long beard. He just goes and sits in front of the interviewer without greeting or taking permission to sit.

→ This activity will give a bad impression about the second person. The interviewer will conclude that this person is unfit for the company's working environment.

Conclusion :

Yes, there are many second chances to change the first impression. As we can see in the example, the first person will make a good first impression and the second person will make a bad first impression. Even if though the second person is more suitable and experienced for the role, the interviewer will not show interest in hiring him due to the first impression he made.



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2. a Interpersonal Communication :-

The interpersonal communication is the sharing of thoughts, ideas and feeling with two or more other people. The interpersonal communication is composed of two major skills

(i) Verbal Communication Skills :-

In the verbal communication we use words, vocabulary and grammar to share our ideas and thoughts

(ii) Non-Verbal Communication Skills :-

In the non-verbal communication, we use the paralinguistic like body language, gestures, eye contact, sitting posture and facial expression, etc, to express our feelings and thoughts.

A productive Interpersonal Communication :-

ed productive interpersonal communication need both the verbal and the non-verbal communication. They work hand-in-hand to make so full-filled and productive interpersonal communication.



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Self-fulfillment in interpersonal Communication -

When do we feel like the communication is productive and fulfilled? Based on the listeners and other people's body language, how well they respond, how did they understand each person's ideas etc. We can observe the signs, and the interest of other people in the interpersonal communication do determine its productivity and fulfillment.

Example :-

Let us consider a classroom activity, where people are in a class of physics. The students show interest, ask doubts and actively participate in the classroom activity. Then the teacher can conclude that the class is productive and feels self-fulfillment.



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2.b

ed Conversation between me and principal of my collage.

Situation :- Asking permission to participate in a state-level competition, and mentioning possible absence for a week to the classes

Conversation

Me : Good afternoon sir, My name is John deo studying in the branch of Computer Science in the B.Tech program.

Principal : Good afternoon John, is there any issue, why are you here?

Me : Sorry for wasting your valuable time, I'm here for making a request.

Principal : Go ahead, make your request, I will only consider it, if it is important and legit-



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Me : Thank you sir, I'm here for asking your ~~permisio~~ permission to attend and participate in a sport event.

Principal : Our collage will not accept request regarding sports unless it is important.

Me : Yes sir, I know. It is a state level sports event. I really need to attend to it sir. I will help build to my carrier in sports.

Principal : I see, Please provide details and the proof of participation to me, then I can decide if it is important or not.

Me : Here sir, these are the details of the state-level sports meet and my proof for registration.

Principal : Well, they look important and legit. Ok, I will grant you



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the permission to participate in that

Me : Thank you, very much sir, Also when the sports meet start, I may not attend my classes, also provide attendance for them sir.

Principal : Fine I will discuss with your head of the department about this. The attendance will only be provided if you complete the classes you missed.

Me : Sure sir, After the sports meet & I will cover the classes I missed.

Principal : Well the best, and bring a gold medal to our college.

me : I will try my best sir, Thank you for your co-operation.

"End of the conversation"



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4.a Importance of learning speech sounds of english language for fluent and confident communication.

The speech sounds are the basic blocks of any language. We combine these speech sounds to make a meaningful word. Hence we can say that speech sounds are basic blocks needed to be learned while learning a new language. The speech sound will help the language fluency and boost our communication confidence.

Suppose you are in a Group-discussion. And you have a valuable point that could total change the view of the topic on everyone's mind. But after seeing how other participants in the group discussion are speaking and how fluent they are. You will lack the confidence to make move, and stand up in the group discussion to make your point. So to prevent these types of situations, The people should focus on learning the speech sounds of english. This will improve their



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english language fluency and Boost Confidence.

What happens if a person lacks proper speech sounds

If a person lacks in english speech sounds, he couldnot properly pronounce the ~~word~~ word or miss-pronounce. Ultimately the person will lack the confidence to converse in the english language. This will effect the e'fluency of the language. Hence the lack of english speech sounds is a problem, leading to miss-pronunciation and low confidence.



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4.6 Mother tongue Influence :-

Mother tongue is a verbal-communication problem, commonly seen in communities where the English language is not their mother tongue or first language. Mother tongue influence refers to the pronunciation problem where people pronounce the English word with the accent of their mother tongue.

Effects of Mother Tongue influence :-

The mother tongue influence can cause communication barriers or misinterpretation. Due to the Mother Tongue influence, people mispronounce the words, making it hard for other people to comprehend what they are saying. Some time they may misinterpret the word for different meaning.

The mother tongue influence can be reduced by practicing the English speech sounds and practicing proper accent.

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Examples :-

Here are few examples from my mother tongue that influence the spoken communication.

Mother ~~language~~ tongue language : Telugu

- (i) Tongue : Which is pronounced as "Tounge".
- (ii) Biscuit : Which is pronounced as "Biscuta".
- (iii) Convince : Which is pronounced as "B"Convinse".
- (iv) Tank : Which is pronounced as "Thant".
- (v) Guitar : Which is pronounced as "Gitar".
- (vi) chair : Which is pronounced as "chare".
- (vii) Shoe : Which is pronounced as "shu".

There are the few words that are commonly affected by the Mother Tongue of 'Telugu'.



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5.a Stress :-

Stress can be defined as a mental state that affects your mind and body. This can be a positive stress or a negative stress.

Reasons for stress :-

- Personal Problems
- Excessive Work loads
- Overthinking causes mental stress
- Over physical activity causes physical stress

Effect of stress :-

- Stress causes Anxiety and frustration
- Causes Hairloss or Gray hair.
- Effect ability to think properly
- anger and other mixed feelings

Stress Management Mechanism :-

The stress management refers to the different ways that we can reduce our stress and manage it. There are many ways



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and activities that can be done to manage our stress

i) Take frequent Breaks :-

Take breaks while working, this will help reduce the stress of work

ii) Work-life balance :-

Give time to your self, and balance both professional and work life

iii) Exercise = Exercising will help relieve the stress

iv) Have a hobby :- Work on your hobbies

v) Speak to a friend :- Speak to a trusted person

vi) Therapy :- Attend to stress management therapy.

Measuring Stress :-

Stress can be measured based on the effect of the stress. like frustration, physical damage to the body, Mental effects and hair fall. These attributes can be used to measure the stress level.



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5.6 Grapevine Communication :-

ed Grapevine communication can refer to a communication where the communicators are disagreeing to each other and failed to find a common ground. These type of communications can lead to misinformation and conflict between two parties.

Manager's Response to Grapevine Communication :-

The grapevine communication can really hurt someone's feelings, just like the thorns of the grapevine plant hurt the harvester.

The manager should step-in to prevent the misinformation and the conflict between the people.

lets us see what a manager can do to stop a grapevine communication

i) Understand the issue :-

find the root cause for the communication, and understand it.



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(ii) Speak with both parties:-

The manager will speak with both parties and understand each person's thought.

(iii) Verify the situation:-

Manager takes the opinion of other people who have knowledge on what's going on.

(iv) Evaluate the issue:-

Manager finds the reason for the issue and finds a solution.

(v) Negotiation:-

Manager negotiates the two parties and clear any miscommunication or misinformation.

By this, the manager can respond to genuine communication to avoid misinformation and conflict.



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8.a Style :-

In this context, style can refer to the format of which you write any document like letter, report, email etc. The style refers to the fonts, color, font sizes that are used while preparing a document.

Significance of Style writing :-

The document like reports, invitations, Research paper, etc., need to follow a format that may include using styles. The style writing plays an important role in above mentioned documents. In style writing we generally use

- * different fonts
- * font sizes
- * Bold text
- * Italic Text
- * Coloured Text
- * Headings
- * and Subheading, etc,



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By using these styles, We can ~~highlight~~ ~~highlight~~ ~~highlight~~ highlight the spots where the reader should focus his reading. The usage of different colors will help reader to identify and differentiate the context, ~~base~~ based on the color used.

Example:- ed report on water quality

Title: Water Quality Report.

Introduction: The quality of water is measured on the date 30/06/2025, with TDO meter

Context :

- The water quality in Block 1 is "7.5"
- The water quality in Block 2 is "8.5"
- In Block 3 it is "9.3"

Conclusion : Block-1 have the poor water quality



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8.6 Title : Sports day Report.

Introduction : This is a sports day report, which is conducted on 25th June 2025, at Institute of Aeronautical Engineering, Dhondigal, Hyderabad. Span of one Day.

Report Context :

On the 25th June 2025, at IARE, the sports day was conducted. The departments participated are AE, CE, EEE, ECE, CSE, CSIT, CSD, CSM and IT. And the sports conducted are cricket, Kabaddi, Badminton, Table Tennis, Volleyball, and Kho-Kho. The students of all years 1st, 2nd, 3rd and 4th have participated. The Boys' sports are conducted at the college Bus bay and the Girls' sports are conducted beside the 5th Block in our college. The PE staff managed all the sports day and recorded each event without any issues. And the final winners are recorded and submitted to the Student Council.



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Conclusion :- Every thing went as planned , and there aren't any conflicts during the sports day .
The winners list is submitted to the Student Council

Resources :-

- (i) Students and participant
- (ii) PE staff
- (iii) Student Council



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ROUGH WORK

Content written here will not be considered for valuation

Situation

Technical

Analysis

Analysis