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APPENDICES

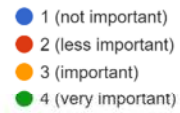
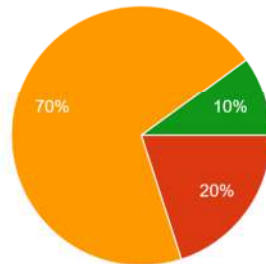
APPENDIX 1 (Questionnaire Data)

Data 1. Students' Learning Priority

Below are some purposes of learning English, how important are they for you in rolling the courses?

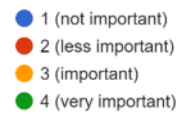
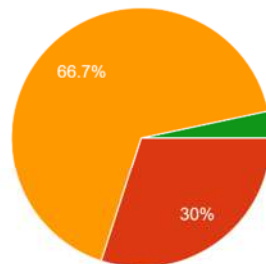
To get a scholarship

30 responses



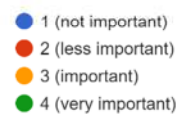
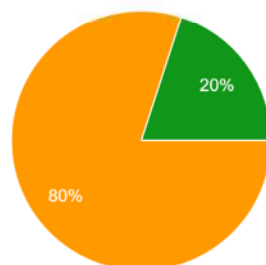
To go abroad

30 responses

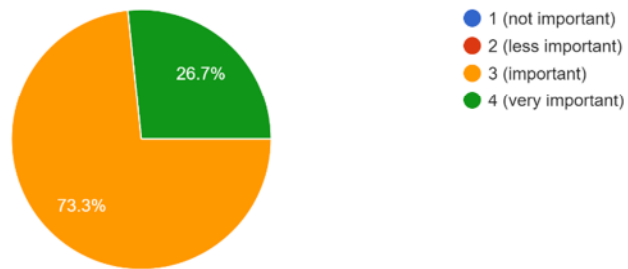


To get a job easier

30 responses

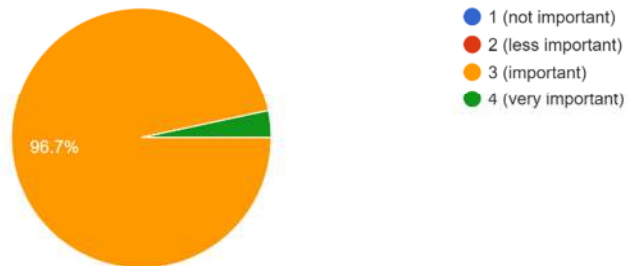


to prepare exams
30 responses

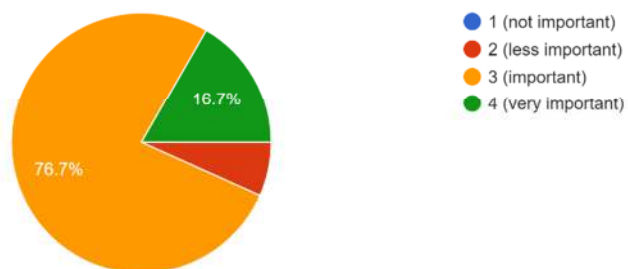


How important is the English skills below to be studied in ICP of Physics Education major?

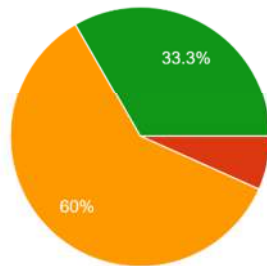
Speaking
30 responses



Listening
30 responses

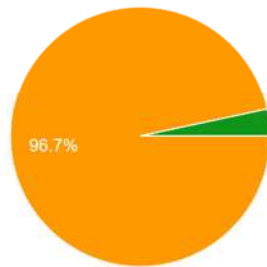


Writing
30 responses



- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

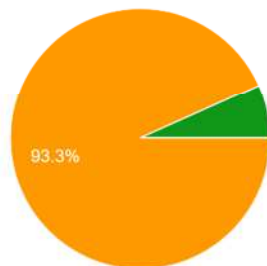
Reading
30 responses



- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Which of the speaking components do you think is important to study in ICP of Physics Education major?

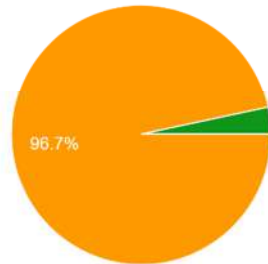
Accuracy and fluency in speech
30 responses



- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Have a lot of vocabulary.

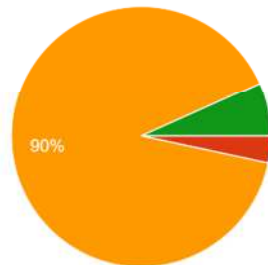
30 responses



- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Pronunciation

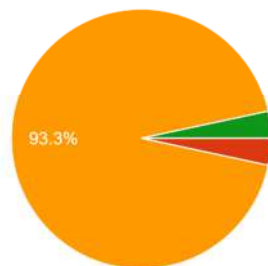
30 responses



- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Speaking with using the correct grammatical structure

30 responses

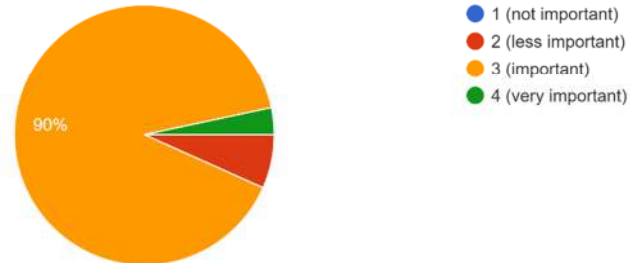


- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Which of the listening components do you think is important to study in ICP of Physics Education major?

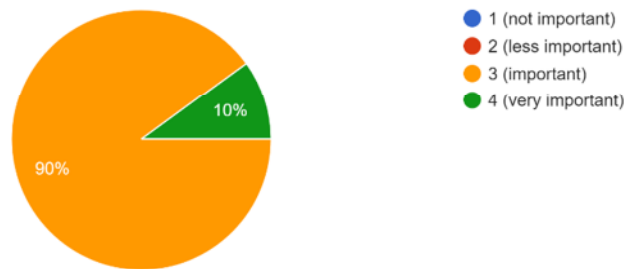
Identify specifically, detailed ideas of information substance from various types of listening material correctly

30 responses



Understanding an easy listening material little by little

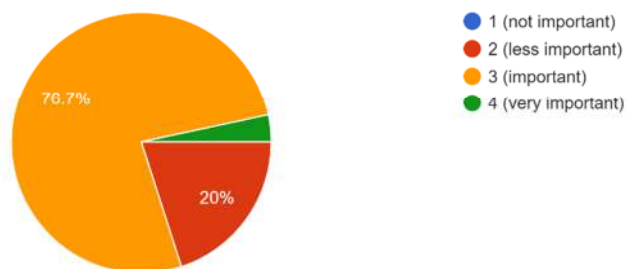
30 responses



Which of the Reading components do you think is important to study in ICP of Physics Education major?

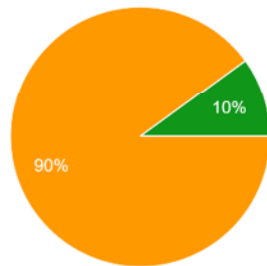
Able to understand all kinds of readings

30 responses



Able to guess the meaning of a word from a reading

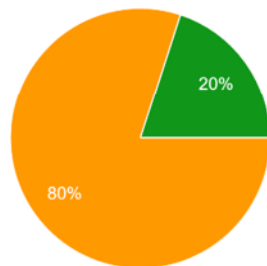
30 responses



- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Able to find keywords and basic ideas through scanning and skimming

30 responses

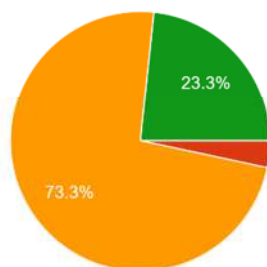


- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Which of the Writing components do you think is important to study in ICP of Physics Education major?

Write grammatically

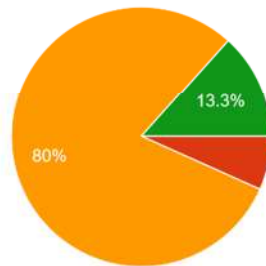
30 responses



- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Organize paragraphs well and correctly

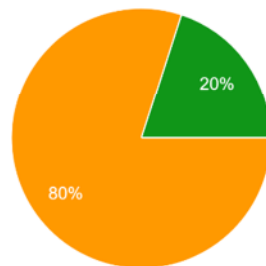
30 responses



- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Writing cohesively and coherently

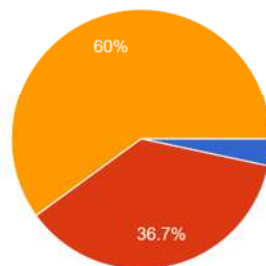
30 responses



- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Free writing

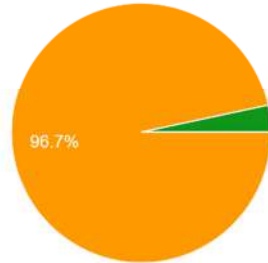
30 responses



- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

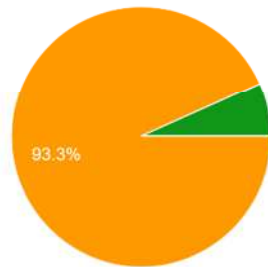
Are English terms on these important topics studied for you?

Temperature
30 responses



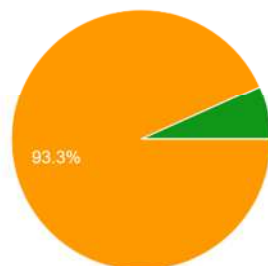
- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Gravity
30 responses



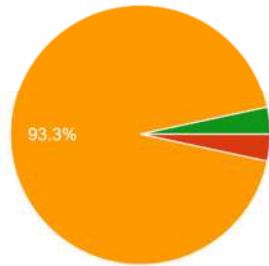
- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Thermodynamic
30 responses



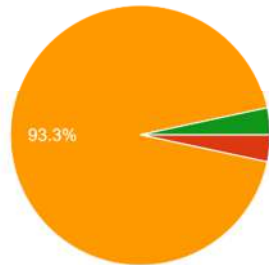
- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Force
30 responses



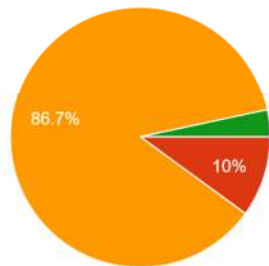
- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Kinematic
30 responses



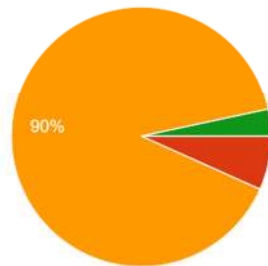
- 1 (not important)
- 2 (less important)
| 3 | (important) | 93.3% |
| 4 | (very important) | ~4.7% |

Electricity
30 responses



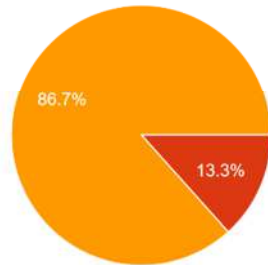
- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Relativity
30 responses



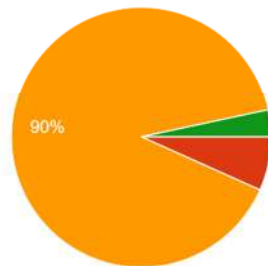
- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Magnetic
30 responses



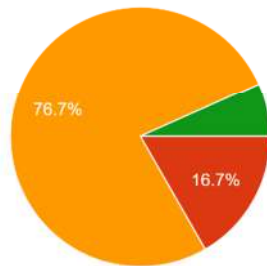
- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Equilibrium
30 responses



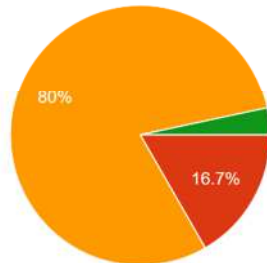
- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Optics
30 responses



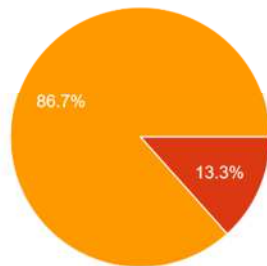
- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Gasses
30 responses



- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Rotation
30 responses



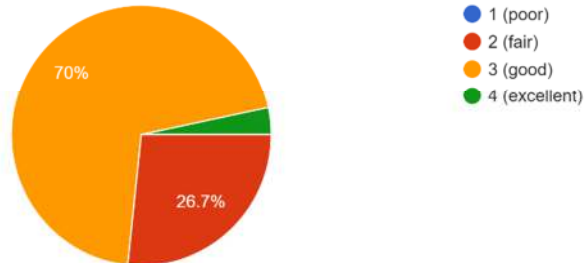
- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Data 2. Learning Ability

What is your current level of ability based on the following English skills?

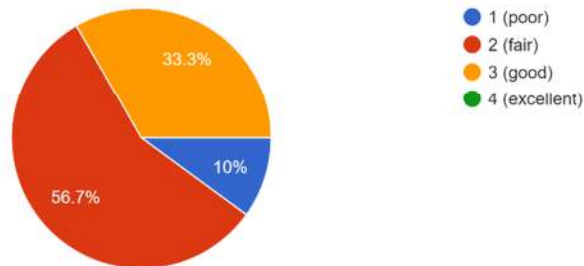
Speaking

30 responses



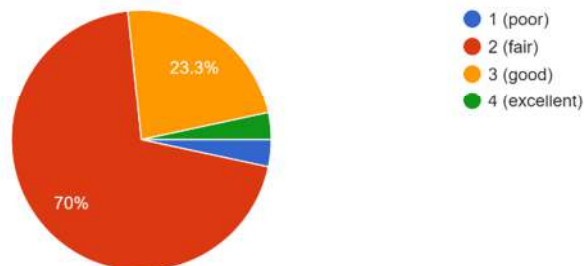
Listening

30 responses

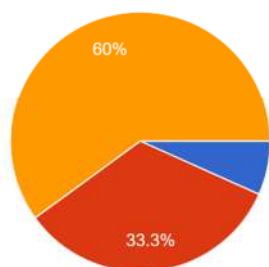


Writing

30 responses



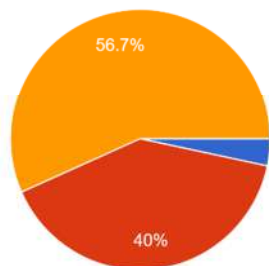
Reading
30 responses



- 1 (poor)
- 2 (fair)
- 3 (good)
- 4 (excellent)

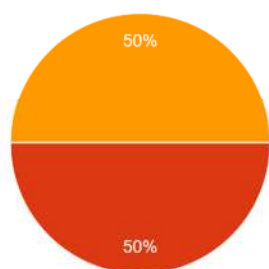
From the speaking component, what do you think is the level of English skill you have now?

Accuracy and fluency in speech
30 responses



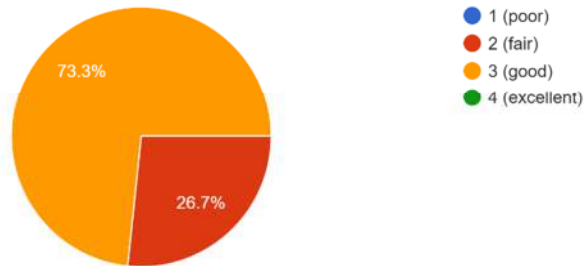
- 1 (poor)
- 2 (fair)
- 3 (good)
- 4 (excellent)

Have a lot of vocabulary
30 responses

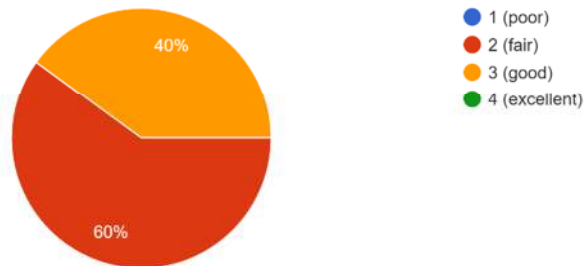


- 1 (poor)
- 2 (fair)
- 3 (good)
- 4 (excellent)

Pronunciation
30 responses

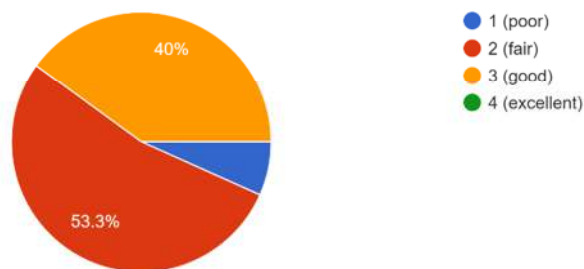


Speaking with using the correct grammatical structure
30 responses



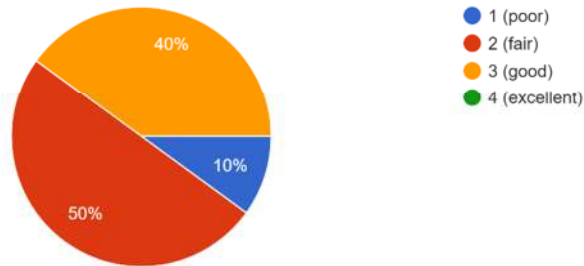
From the Listening component, what do you think is the level of English skill you have now?

Identify specifically, detailed ideas of information substance from various types of listening material correctly
30 responses



Understanding an easy listening material little by little

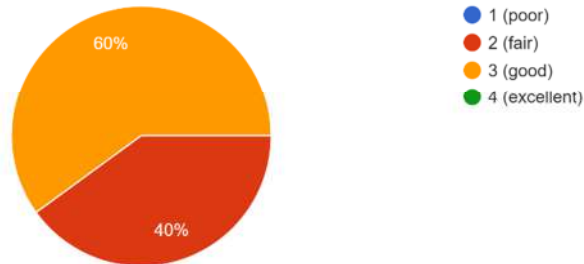
30 responses



From the Reading component, what do you think is the level of English skill you have now?

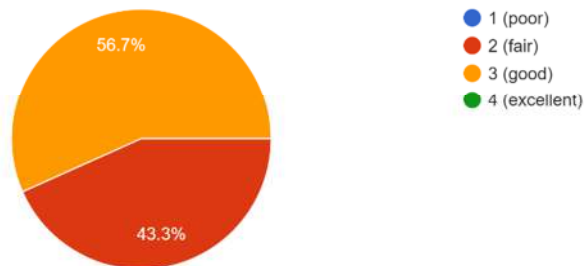
Able to understand all kinds of readings

30 responses

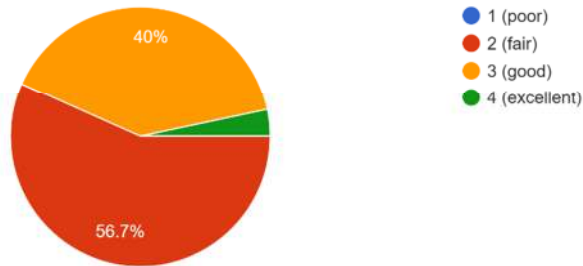


Able to guess the meaning of a word from a reading

30 responses

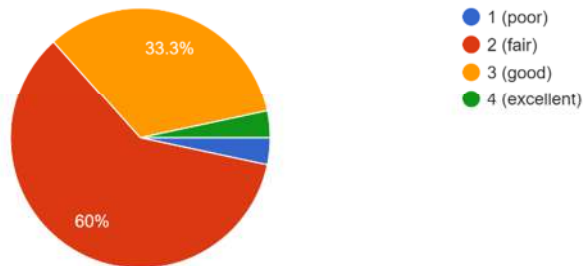


Able to find keywords and basic ideas through scanning and skimming
30 responses

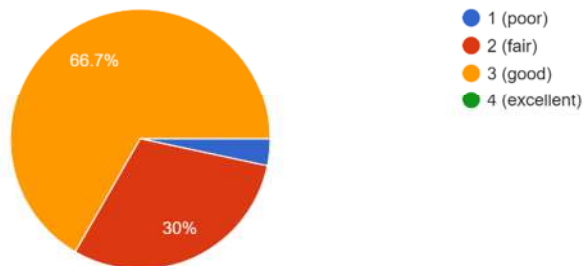


From the Writing component, what do you think is the level of English skill you have now?

Write grammatically
30 responses

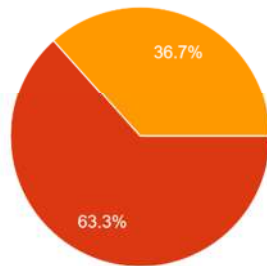


Organize paragraphs well and correctly
30 responses



Writing cohesively and coherently

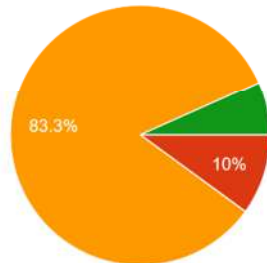
30 responses



- 1 (poor)
- 2 (fair)
- 3 (good)
- 4 (excellent)

Free writing

30 responses

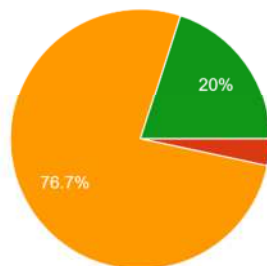


- 1 (poor)
- 2 (fair)
- 3 (good)
- 4 (excellent)

Which of the four skills do you want to develop?

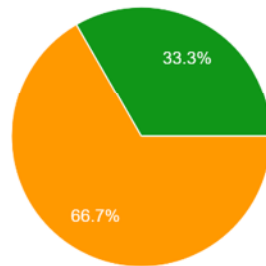
Speaking

30 responses



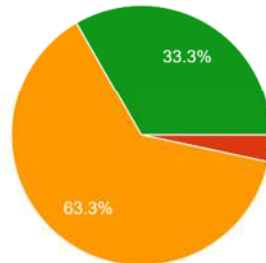
- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Listening
30 responses



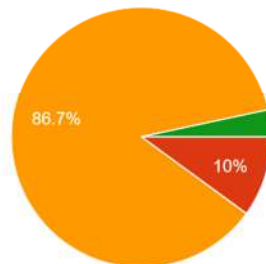
- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Writing
30 responses



- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Reading
30 responses



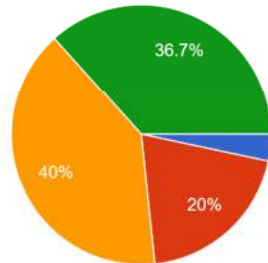
- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Data 3. Learning Problem

What difficulties do ICP of Physics Education students face when learning English?

lack of motivation

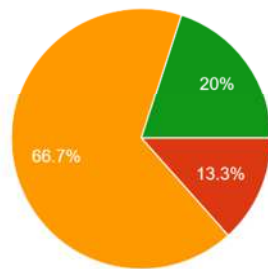
30 responses



- 1 (hardly ever)
- 2 (seldom)
- 3 (often)
- 4 (always)

lack of the learning method

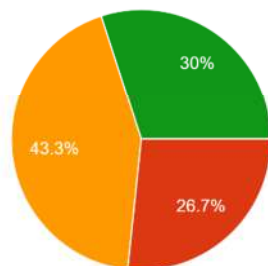
30 responses



- 1 (hardly ever)
- 2 (seldom)
- 3 (often)
- 4 (always)

lack of vocabulary

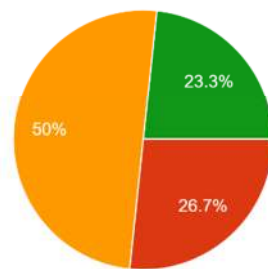
30 responses



- 1 (hardly ever)
- 2 (seldom)
- 3 (often)
- 4 (always)

Difficulty speaking English

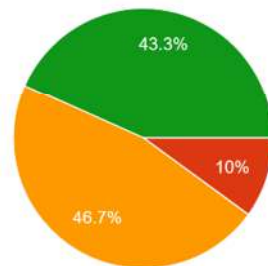
30 responses



- 1 (hardly ever)
- 2 (seldom)
- 3 (often)
- 4 (always)

Difficulty in writing texts/sentences in English

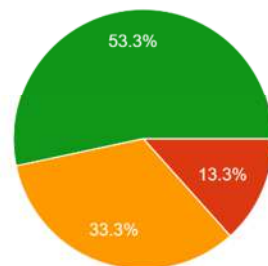
30 responses



- 1 (hardly ever)
- 2 (seldom)
- 3 (often)
- 4 (always)

Difficulty in listening and understanding the meaning in English conversations

30 responses



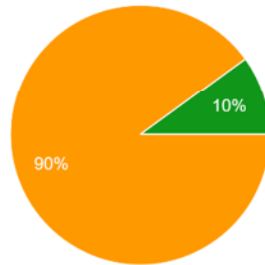
- 1 (hardly ever)
- 2 (seldom)
- 3 (often)
- 4 (always)

Data 4. Learning Style

Are the following teaching methods or learning activities important to ICP of Physic Education Students?

Learning through listening

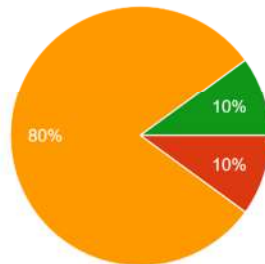
30 responses



- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

learning through reading

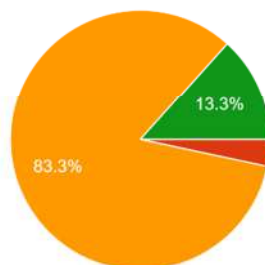
30 responses



- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

learning through audio

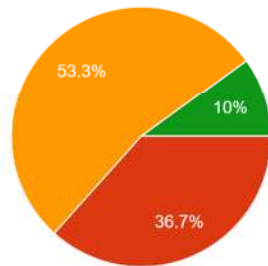
30 responses



- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

learning through picture

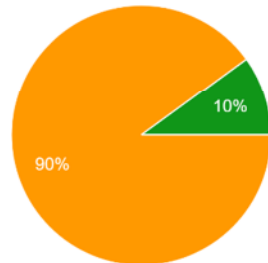
30 responses



- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

learning through listening and speaking

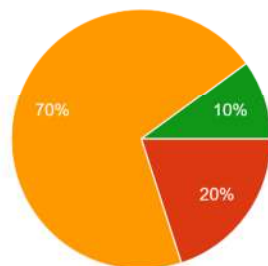
30 responses



- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Learning English individually style

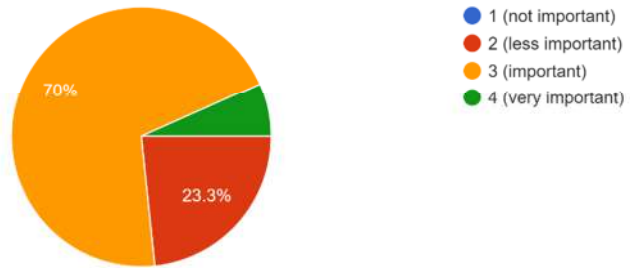
30 responses



- 1 (not important)
- 2 (less important)
- 3 (important)
- 4 (very important)

Learning English in pairs style

30 responses



APPENDIX 2 (Interview Transcription)

Interviewer Q1: How important learning English in the Physics department?

Interviewer A1: Very important, because English is a global language. To get a job we need English, so English is very important.

Interviewer A1: Really important, apart from getting a job, English is also a support for our graduation at UNM because all majors, both English majors and non-English majors, must take the TOEFL test and for non-majors the score must be 450.

Interviewer A1: It is extremely important for us to read journals that use English because they use words that, if translated on Google, sometimes do not match the context of the sentence. So, it is very necessary for us to learn English according to our major.

Interviewer Q2: What are the goals of learning English?

Interviewer A2: Actually, I have a goal, namely to be able to pass a scholarship abroad.

Interviewer A2: Like my friend, I also want to go abroad using the LPDP scholarship, but I really need more enthusiasm to learn English, especially for TOEFL and IELTS.

Interviewer Q3: In your opinion, what are the most important skills among listening, reading, writing, and speaking in learning English for the ICP of Physics Education students?

Interviewer A3: "In my opinion, all skills are important, but for now I think it is important to research writing and listening because in our studies in the International class program, lecturers often use English terms that are not general.

Interviewer A3: In my opinion, it's more about writing because our journal writing uses English, where the writing must also be grammatical and use appropriate vocabulary.

Interviewer Q4: What problems did you experience in learning English?

Interviewer A4: My bad experience in English is speaking, where I have memorized the structure of the sentences well in my brain, but when I speak, sometimes I get confused and don't run smoothly.

Interviewer A4: Maybe the nervous factor and being too scripted or according to the text means that we are all lost.

Interviewer Q5: In speaking skills, are accuracy and fluency in the language required? Why?

Interviewer A5: Same as my friend, I also have problems when speaking because I lack vocabulary and I lack confidence.

Interviewer A5: I also often can't differentiate between the right pronouns because I don't understand the context of a sentence, such as its use to show that an object is his (man's) and hers (woman's) and many more.

Interviewer A5: It is very necessary, because it is very difficult for me to know which words are the key to the reading, maybe because I consider reading the most difficult so I don't practice reading English enough.

Interviewer Q6: In reading skills, is it necessary to guess words and use scanning techniques as well as skimming in reading in English? Why?

Interviewer A6: It is very necessary, because to know a word in the reading I always want to know all the meanings of the words in the reading. So, when I find a word I don't know, I immediately stop and search for the word more, thus wasting a lot of time.

Interviewer Q7: In listening skills, is it easy or difficult to identify specifically and in detail related ideas of the substance information of audio listening? Why?

Interviewer A7: Difficult, because the audio played uses conversation from a native speaker which is very fluent, while I am still below standard for my listening ability.

Interviewer A7: It's a bit easy, because I've heard an explanation on YouTube that we have to focus on the second speaker when answering

listening questions, but I also have difficulty when the speaker uses abbreviations in speaking and uses the same words like flour and floor.

Interviewer Q8: Do you think that writing skills are necessary? Why?

Interviewer A8: Yes, necessary because for journal writing we need the ability to write in English well and grammatically.

Interviewer Q9: In writing skills, organizing paragraphs well and writing cohesively and coherently is essential, do you agree with the statement? Why?

Interviewer A9: Yes, very necessary because in writing a piece of writing you need a good paragraph with a language structure that is cohesively and coherently appropriate.

Interviewer Q10: Of the four English skills, which do you think is the hardest skill? Please explain!

Interviewer A10: Writing, because I can't write English, there are a lot of errors in my writing, such as if I want to say "I was picked up by my father" but in 37 my writing it doesn't mean that.

Interviewer A10: Listening, because it is indeed difficult for me as a layman to hear.

Interviewer Q11: Which of the four skills do you think you want to develop again? Please explain it!

Interviewer A11: Actually, everything needs to be improved, but I prefer speaking skills because I feel lacking in all aspects of speaking, including vocabulary, fluency, pronunciation, everything is lacking.

Interviewer A11: If this is my priority, I need to improve my writing skills, because I am very lacking in grammar justification and all uses of tenses

Interviewer Q12: During the learning process, what kind of learning method makes students interested in learning English?

Interviewer A12: I prefer to use a combination of listening and speaking because apart from training listening, it can also be directly practiced in daily expressions.

Interviewer A12: I chose to use learning through reading because apart from me liking reading, I also want to practice my reading in English reading, and I also don't really understand the concept of reading.