



Subject Name: Presentation Skills

1st Class, First Semester

Subject Code: UOMU011017

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Lecture No.: 1

Lecture Title: Introduction to Presentation Skills.



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The Importance of Presentation Skills in BME

- **Communicating Your Innovations**
- **Conveying Complex Ideas:** Biomedical engineering often involves intricate concepts. Effective presentations are crucial for explaining these ideas clearly and concisely to diverse audiences (e.g., researchers, clinicians, investors).
- **Collaboration and Teamwork:** Presentations foster collaboration within research teams and with interdisciplinary colleagues.

MISTAKES TO AVOID WHEN PRESENTING COMPLEX IDEAS



NOT PAYING
ATTENTION TO
THE AUDIENCE



NOT BEING READY
FOR A Q&A SESSION



UNCLEAR
SLIDE DECKS



NOT
PRACTICING



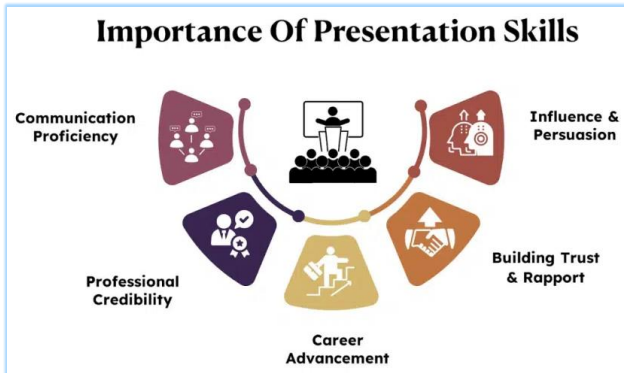
The Importance of Presentation Skills in BME

- **Communicating Your Innovations**
- **Career Advancement:** Strong presentation skills are essential for securing research funding, publishing papers, and advancing in your career.
- **Patient Impact:** Clearly communicating research findings and the potential impact of new technologies is crucial for gaining support and advancing patient care.



The Importance of Presentation Skills in BME

- **Why Focus on Presentation Skills?**
- **Overcoming Misconceptions:** Many engineers underestimate their presentation abilities; formal training can help identify areas for improvement.
- **Multidisciplinary Collaboration:** Clear communication fosters partnerships across disciplines, essential for solving complex biomedical problems.

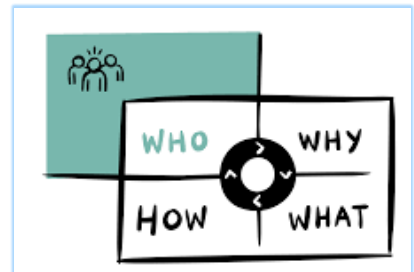




Understanding Your Audience and Purpose

• Know Your Listeners

- Who is your audience? (e.g., fellow students, professors, industry professionals, patients)
- What is their level of expertise?
- What are their interests and expectations?
- What is the primary purpose of your presentation? (e.g., inform, persuade, inspire)
- What do you want your audience to take away?



Understanding Your Audience and Purpose

• Engaging Your Audience

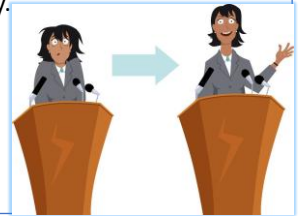
- Adaptation Strategies: Use language and examples that resonate with your audience's level of understanding.
- Feedback Mechanisms: Encourage questions and discussions to gauge audience comprehension and engagement.





Overcoming Fear and Anxiety

- **Conquering Presentation Jitters**
- Practice, Practice, Practice: Rehearse your presentation multiple times to build confidence.
- Focus on your message, not perfection: Emphasize conveying your key ideas rather than being flawless.
- Visualize success: Imagine yourself delivering a confident and engaging presentation.
- Deep breathing and relaxation techniques: Utilize techniques like deep breathing and mindfulness to calm nerves.
- Start strong: A strong opening can help build momentum and reduce initial anxiety.



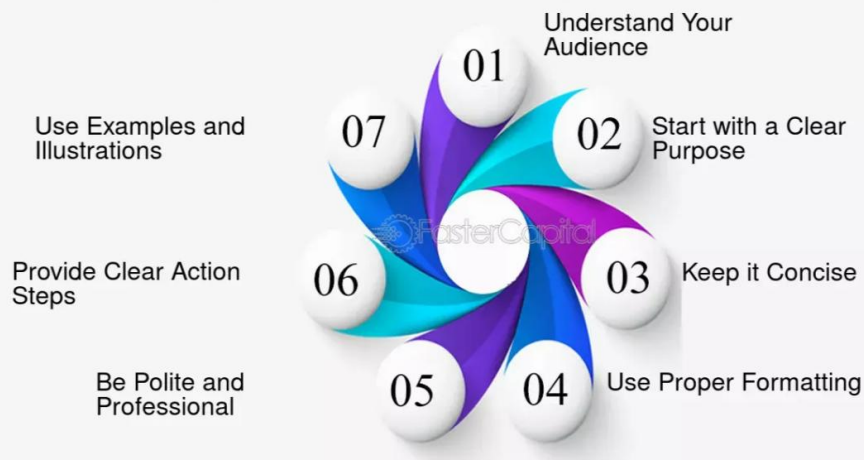
Basic Principles of Effective Communication

- **Communicating with Clarity and Impact**
- Clarity: Use simple, concise language. Avoid jargon and technical terms unless necessary.
- Conciseness: Keep your message focused and avoid unnecessary details.
- Structure: Organize your presentation with a clear beginning, middle, and end.
- Enthusiasm: Show passion for your topic to engage your audience.
- Visual Aids: Use visuals to enhance understanding and maintain audience attention.



Basic Principles of Effective Communication

Clear and Concise Communication



THANK YOU