

## Syllabus for Bachelor of Science for year 2024-25

<b>Nomenclature of the Course</b>	Communication Skills in English - I	
<b>Class</b>	FYBSc	
<b>Semester</b>	I	
<b>Course Code</b>	24_UAAECENG102	
<b>No. of Credits</b>	02	
<b>Nature</b>	Theory	
<b>Type</b>	AEC	
<b>Course Outcomes:</b>		
<p><b>At the end of the course the learners would have</b></p> <p>CO1 understood the significance of communication skills for effective communication.</p> <p>CO2 understood the application of various listening and reading techniques for better listening and/or reading comprehension.</p> <p>CO3 acquired ability to speak in English proficiently in various situations.</p>		
<b>Syllabus:</b>		
<b>Unit No.</b>	<b>Unit Title</b>	<b>Subtitles (Learning Points)</b>
I	Listening and Pronunciation Skills	A] Listening for broad understanding of facts and figures B] Listening for deeper understanding of main ideas

II	Reading Skills	<p>A] Reading with purpose : skimming, scanning, intensive and extensive reading</p> <p>B] Reading comprehension of variety of texts (informative, analytical, discursive and literary)</p> <p>C] Guessing meaning of word/phrase by context</p> <p>D] Building inference</p> <p>E] Understanding rhetorical structures</p>
III	Public Speaking, Presentations and Group Discussions	<p>A] i. Giving Presentations - Poster and/ or PowerPoint ii. Group Discussion</p> <p>B] i. Self introduction ii. Introducing others iii. Expressing vote of thanks iv. Small speeches</p>

**Learning Resources Recommended:**

1. Kumar, Sanjay and Pushp Lata. Communication Skills. Second Edition. New Delhi, 2011.
2. Lewis, N. How to Read Better & Faster. New Delhi, Goyal Publishers & Distributors Pvt. Ltd, 2006.
3. McCarthy, Michael and Felicity O'Dell. English Vocabulary in Use. Cambridge: Cambridge University Press, 2001.
4. Murphy, Raymond, et al. Grammar in use: Intermediate. Cambridge University Press, 2000
5. Sasikumar, V., et al. A Course in Listening & Speaking I. 2005. Cambridge University Press India Pvt. Ltd. (under the Foundation Books Imprint), 2010
6. Tips on communication (TED Talk): The Secrets of Learning a New Language  
[https://youtu.be/o\\_XVt5rdpFY](https://youtu.be/o_XVt5rdpFY)
7. Kailash Satyarthi's speech on the occasion of Nobel Peace Prize (2014) on the innocence of children; he gives voice to voiceless in his speech:  
[https://youtu.be/wt0LSCEuc\\_M](https://youtu.be/wt0LSCEuc_M)
8. Speech by Mr. Ratan Tata: <https://youtu.be/m7-tKX7aZXM>

**Teaching Plan:**

Unit No.	Unit Title	Teaching Methods	No. of Lectures
----------	------------	------------------	-----------------

<b>I</b>	Listening and Pronunciation Skills	1. Lecture 2. Reference to A-V material 3. Participatory method	<b>06</b>
<b>II</b>	Reading Skills	1. Lecture 2. Demonstration 3. Practice	<b>12</b>
<b>III</b>	Public Speaking, Presentations and Group Discussions	1) Lecture 2) Demonstration 3) Reference to A-V material 4) Practice	<b>12</b>

### Evaluation Pattern

#### A) Continuous Internal Evaluation: Maximum Marks: 20

<b>Method</b>	<b>Marks</b>
Class test, home assignment, seminar, etc.	<b>15</b>
Attendance and active participation throughout semester	<b>05</b>

#### B) Semester End Examination: Maximum Marks: 30

<b>Question No. and Sub questions (If any) (E.g. Q. 1 a) ...</b>	<b>Unit and sub unit (with number and title)</b>	<b>Type of Question (Essay / short note / Objective / Diagram, etc.)</b>	<b>Marks</b>
<b>Q. 1</b>	<b>Unit II</b>	<b>Reading Comprehension</b>	<b>15</b>

		<b>questions on the given passage.</b>	
<b>Q. 2 A</b>	<b>Unit III A</b>	<b>Draft of a GD or Presentation. (any one will be asked)</b>	<b>15</b>
<b>OR</b>			
<b>Q.2 B</b>	<b>Unit III B</b>	<b>Write the drafts according to the given situations. (3 out of 4)</b>	<b>15</b>

Note :

1. The topic or unit for Internal Evaluation will be declared well in advance to the students.
2. The topics/ units for the Internal Evaluation and Semester End Examination may be interchanged with prior intimation to the students.

**Date:** 23/04/2024

**Place:** Ratnagiri

**Mr. Athalye Vasudev Manohar**  
**Chairperson ,**  
**Board of Studies, English**

## Syllabus for Bachelor of Science for year 2024-25

<b>Nomenclature of the Course</b>	Communication Skills in English- II	
<b>Class</b>	FYBSc	
<b>Semester</b>	II	
<b>Course Code</b>	24_UAAECENG202	
<b>No. of Credits</b>	02	
<b>Nature</b>	Theory	
<b>Type</b>	AEC	
<b>Course Outcomes:</b>		
<p><b>At the end of the course the learners would have</b></p> <p>CO 1 developed readiness to appear for interviews for academic progression / placement.</p> <p>CO2 developed writing skills for different purposes.</p>		
<b>Syllabus:</b>		
<b>Unit No.</b>	<b>Unit Title</b>	<b>Subtitles (Learning Points)</b>
I	Preparing for Progression or Placement	A] Statement of purpose B] Job application: Covering letter , Biodata / C.V. C] Request for reference / recommendation D] Preparing for an interview
II	Writing Skills	A] Writing essays/ articles B] Activity report of co-curricular events and field visits C] Email writing
<b>Learning Resources Recommended:</b>		

1. Das, Bikram K., et. al. An Introduction to Professional English and Soft Skills. Cambridge University Press India Pvt. Ltd., 2010
2. Das, Yadjnaseni & R. Saha (eds.) English for Careers. Pearson Education India, 2012.
3. Devlin, Joseph. How to Speak And Write Correctly. New York, The Christian Herald, 1910
4. Goodale, Malcolm. Professional Presentations Video Pack: A Video Based Course.
5. Mohan, RC Sharma Krishna. Business Correspondence and Report Writing. Third edition. Tata McGraw-Hill Education, 2002.
6. Richards, Jack C., and Chuck Sandy. Passages Level 2 Student's Book. Cambridge University Press, 2014.
7. Sadanand, Kamlesh & S. Punitha. Spoken English: A Foundation Course. (Part 1 & 2). Orient Blackswan. 2009.
8. K. Alex , Soft Skills, S. Chand and Co. Ltd. 2014
9. Meenakshi Raman , Sangeeta Sharma : Technical Communication : Principles and Practice, Oxford University Press. Third Edition. 2015

**Teaching Plan:**

Unit No.	Unit Title	Teaching Methods	No. of Lectures
<b>I</b>	Preparing for Progression or Placement	1) Lecture 2) Demonstration 3) Reference to A-V material 4) Practice	<b>18</b>
<b>II</b>	Writing Skills	1. Lecture 2. Demonstration 3. Practice	<b>12</b>

**Evaluation Pattern**

**A) Continuous Internal Evaluation: Maximum Marks: 20**

Method	Marks
Class test, home assignment, seminar, etc.	<b>15</b>
Attendance and active participation throughout semester	<b>05</b>

**B) Semester End Examination: Maximum Marks: 30**

<b>Question No. and Sub questions (If any) (E.g. Q. 1 a) ...</b>	<b>Unit and sub unit (with number and title)</b>	<b>Type of Question (Essay / short note / Objective / Diagram, etc.)</b>	<b>Marks</b>
<b>Q. 1 A</b>	<b>Unit I B</b>	Q. 1 A] Job application with bio-data/ C.V.	<b>15</b>
<b>OR</b>			
<b>Q.1 B</b>	<b>Unit I A and C</b>	B] i. Statement of Purpose  ii. Request for reference/ recommendation	<b>10</b>  <b>05</b>
<b>Q. 2 A</b>	<b>Unit II A</b>	Write an essay on the given topic.	<b>15</b>
<b>OR</b>			
<b>Q. 2 B</b>	<b>Unit II B</b>	Write an activity report on the given topic.	<b>15</b>

Note :

1. The topic or unit for Internal Evaluation will be declared well in advance to the students.
2. The topics/ units for the Internal Evaluation and Semester End Examination may be interchanged with prior intimation to the students.

**Date:** 23/04/2024

**Place:** Ratnagiri

**Mr. Athalye Vasudev Manohar  
Chairperson ,  
Board of Studies, English**

## Syllabus for Bachelor of Science for the year 2025-26

<b>Nomenclature of the Course:</b>	Art of Presentation - I
<b>Class:</b>	F.Y.B.Sc.
<b>Semester:</b>	I
<b>Course Code:</b>	25_UAGEAP102
<b>No. of Credits:</b>	02
<b>Nature:</b>	Practical
<b>Type:</b>	Generic/Open Elective

**Course Outcomes:** On successful completion of the course, the learners will be able to :

- CO1 Introduce and present themselves with greater confidence, control and charisma in front of others.
- CO2 Effectively use their voice and body language in formal presentations.
- CO3 Demonstrate rhetorical skills during elocution and debate competitions.

### Syllabus:

Unit No.	Unit Title	Subtitles (Learning Points)
Unit 1	Introduction to the Art of Presentation	<ul style="list-style-type: none"><li>a. Meaning and importance of art of presentation</li><li>b. Essentials of Effective Presentation<ul style="list-style-type: none"><li>● Proper organization of ideas and contents</li><li>● Proper language , pronunciation and voice projection</li><li>● Proper Posture, Eye contact and Body Language</li><li>● Self-awareness</li><li>● Stage daring</li><li>● Understanding the audience</li><li>● Judicious use of tools and technology</li></ul></li></ul>

Unit 2	Art of introduction	Introducing the self and others
Unit 3	Art of Speaking	a. Elocution b. Debate

### Learning Resources recommended:

1. Cox, C. (2009). *Shakespeare kids: Speaking his words, performing his plays*. Denver, CO: Libraries Unlimited.
2. Rasinski, T. (2003). *The fluent reader: Oral reading strategies for building word recognition, fluency, and comprehension*. New York: Scholastic.
3. Patnayak Priyadarshini. (2011) : *Group Discussion and Interview Skills*. Foundation Books
4. Gadkari Shrinivas ( (2009): *Changale Sutrasanchalan Kase Karave ?* .Dilipraj Prakashan
5. Speeches by P.L.Deshpande ( YouTube )
6. Interviews by Sudhir Gadgil (YouTube )

### Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
Unit 1	Introduction to the Art of Presentation	Lecture Demonstration	05
Unit 2	Art of introduction	Lecture Demonstration Role play	10
Unit 3	Art of Speaking	Demonstration Experiential learning	15

### Evaluation Pattern:

#### Internal Assessment: 100 % (50 Marks)

The vocational skills will be tested after the completion of each unit .

Sr.No.	Particulars	Marks

01	Regular attendance, active participation in class and overall conduct as a responsible learner, mannerism and exhibit of leadership qualities in organizing related academic activities such as field visits.	10
02	Performance tests on every unit from 2 to 5 after its completion (10 marks each)	40
		total 50

**Date:** 15/04/25

**Place:** Ratnagiri

**Mr. Athalye Vasudev Manohar**  
**Chairperson ,**  
**Board of Studies, English**

## Syllabus for Bachelor of Science for the year 2025-26

<b>Nomenclature of the Course:</b>	Art of Presentation- II
<b>Class:</b>	FYBSc
<b>Semester:</b>	II
<b>Course Code:</b>	25_UAGEAP202
<b>No. of Credits:</b>	02
<b>Nature:</b>	Practical
<b>Type:</b>	Generic Elective

**Course Outcomes:** On successful completion of the course, the learners will be able to :

- CO1 Present themselves with greater confidence, control and charisma in front of others.
- CO2 Effectively use their voice and body language in formal presentations.
- CO3 Demonstrate skills of making poster and powerpoint presentations
- CO4 Demonstrate skills of interviewing.
- CO5 Participate effectively in group discussions.

### Syllabus:

<b>Unit No.</b>	<b>Unit Title</b>	<b>Subtitles (Learning Points)</b>
<b>Unit 1</b>	<b>Skill of Interviewing</b>	1. Types of interviews 2. Preparation before interviewing a guest 3. Conduct of interview of a guest
<b>Unit 2</b>	<b>Poster and PPT Presentations</b>	1. Purpose of making posters and PPT 2. Preparation of posters and PPT 3. Presentation of posters and PPT

<b>Unit 3</b>	<b>Participating in Group Discussions</b>	1. Nature and purpose of Group Discussion 2. Preparing for and participating in Group Discussion
---------------	---	---

**Learning Resources recommended:**

1. Cox, C. (2009). *Shakespeare kids: Speaking his words, performing his plays*. Denver, CO: Libraries Unlimited.
2. Rasinski, T. (2003). *The fluent reader: Oral reading strategies for building word recognition, fluency, and comprehension*. New York: Scholastic.
3. Patnayak Priyadarshini. (2011) : *Group Discussion and Interview Skills*. Foundation Books
4. Gadkari Shrinivas ( (2009): *Changale Sutranchalan Kase Karave ?* .Dilipraj Prakashan
5. Speeches by P.L.Deshpande ( YouTube )
6. Interviews by Sudhir Gadgil (YouTube )

**Teaching Plan:**

<b>Unit No.</b>	<b>Unit Title</b>	<b>Teaching Methods</b>	<b>No. of Lectures</b>
Unit 1	Skill of Interviewing	Lecture Demonstration Role play	10
Unit 2	Poster and PPT Presentations	Lecture Demonstration Practice	12
Unit 3	Participating in Group Discussions	Lecture Demonstration Role play	08

**Evaluation Pattern:**

**A) Internal Assessment: 100 % (50 Marks)**

The vocational skills will be tested after the completion of each unit .

Sr.No.	Particulars	Marks
01	Regular attendance, active participation in class and overall conduct as a responsible learner, mannerism and exhibit of leadership qualities in organizing related academic activities such as field visits.	10
02	Performance tests on every unit from 2 to 5 after its completion (10 marks each)	40
		total 50

**Date:** 15/04/25

**Place:** Ratnagiri

**Mr. Athalye Vasudev Manohar**  
**Chairperson ,**  
**Board of Studies, English**

## Syllabus for Bachelor of Science for the year 2025-26

<b>Nomenclature of the Course</b>	<b>SCIENCE FICTION - I</b>	
<b>Class</b>	F.Y.B.Sc.	
<b>Semester</b>	I	
<b>Course Code</b>	25_UAGESF101	
<b>No. of Credits</b>	2	
<b>Nature</b>	Theory	
<b>Type</b>	Generic / Open Elective	
<b>Course Outcomes:</b>		
<b>After successful completion of the course ,the students:</b>		
CO1 will be able to define science fiction and explain its nature.		
CO2 will be able to analyse the elements of science fiction into factors such as scientific subject/theme, plot , characters, setting , narrative technique ,tone and point of view.		
CO3 will be able to analyse the above elements in context of prescribed short stories.		
CO4 may be able to alter the short stories by making changes in elements like narrator, setting and end of the story.		
<b>Syllabus:</b>		
<b>Unit No.</b>	<b>Unit Title</b>	<b>Subtitles (Learning Points)</b>
1	<b>Introduction to Fiction and Science Fiction</b>	<ol style="list-style-type: none"> <li>1. What is fiction ?- a literary genre - its broad nature and elements</li> <li>2. What is science fiction? – definition and characteristic features</li> <li>3. Major western authors and their works in science fiction( More specifically in Short Stories) : broad survey of areas of interest, themes ( ideas/concepts) like time travel, star wars , aliens , aftermaths of nuclear war, artificial intelligence ,a projected advance in technology etc.</li> </ol>

2	<b>Short Stories</b>	<ol style="list-style-type: none"> <li>1. Mirror Image- Isaac Asimov</li> <li>2. The Perfect Woman - Robert Sheckley</li> <li>3. The Encounter at Dawn- Arthur C. Clarke (Originally published as ‘Encounter In the Dawn’ in 1953 by Ziff-Davis Publishing Co.)</li> <li>4. There Will Come Soft Rains- Ray Bradbury</li> <li>5. Supernova Rhythm- Andrew Fraknoi</li> <li>6. The Gun- Philip Dick</li> </ol>
---	----------------------	---

**Learning Resources Recommended:**

- Abrams, M.H. *Glossary of Literary Terms*. India, Macmillan Publishers, 2000.
- Brooks, Cleanth and Warren, Robert Penn. *Understanding Fiction*, Printice Hall.
- Forster , E M. *Aspects of the Novel*,(1954) London: Rosetta Books, 2002. .
- Asimov, Isaac , Martin Harry Greenberg And Joseph D. Olander (Ed.) *Hundred Great Science Fiction Short Short Stories*, 1978
- Asimov, Isaac. *The Complete Robot: The Definitive Collection of Robot Stories*. Nightfall, Inc. 1982
- Brotherton, Michael (Ed.) *Science Fiction by Scientists: An Anthology of Short Stories*. Springer. 2017.
- Clarke Arthur C. *Collection of Short Stories by* . PDF. (Page 5-11)
- [https://www.btbores.org/Downloads/7\\_There%20Will%20Come%20Soft%20Rains%20by%20Ray%20Bradbury.pdf](https://www.btbores.org/Downloads/7_There%20Will%20Come%20Soft%20Rains%20by%20Ray%20Bradbury.pdf)
- [Dick Philip K. Collected Stories of Philip K Dick Vol I: The King of the Elves, Subterranean Press, Ist Edition, 2010](#)

**Teaching Plan:**

Unit No.	Unit Title	Teaching Methods	No. of Lectures
1	Introduction to fiction and science fiction	-Lecture - Seminar	05

2	Short Stories	-Lecture -Interactive -seminar	25

### Evaluation Pattern

#### A) Continuous Internal Evaluation: Maximum Marks: 20

Particulars	Marks
Class test, home assignment, seminar, viva voce, report submission, etc.	15
active class participation and attendance	05

#### B) Semester End Examination: Maximum Marks: 30

Question No. and Sub questions	Unit and sub unit (with number and title)	Type of Question	Marks
Q. 1	Unit – 1	Objective	10
Q. 2	Unit – 2 (stories 1, 2, 3)	A) Essay OR B) Short notes (2 out of 3)	10 OR 10
Q. 3	Unit – 2 (stories 4, 5, 6)	A) Essay OR B) Short notes (2 out of 3)	10 OR 10

Note :

1. The topic or unit for Internal Evaluation will be declared well in advance to the students.
2. The topics/ units for the Internal Evaluation and Semester End Examination may be interchanged with prior intimation to the students.

**Date:** 15/04/25  
**Place:** Ratnagiri

**Mr. Athalye Vasudev Manohar**  
**Chairperson ,**  
**Board of Studies, English**

## Syllabus for Bachelor of Science for the year 2025-26

<b>Nomenclature of the Course</b>	<b>SCIENCE FICTION - II</b>		
<b>Class</b>	F.Y.B.Sc.		
<b>Semester</b>	II		
<b>Course Code</b>	25_UAGESF201		
<b>No. of Credits</b>	2		
<b>Nature</b>	Theory		
<b>Type</b>	Generic / Open Elective		
<b>Course Outcomes:</b>			
<p>After successful completion of the course ,the students:</p> <p>CO1 will be able to know Indian authors' contribution to science fiction.</p> <p>CO2 will be able to analyse the elements of science fiction into factors such as scientific subject/theme, plot , characters, setting , narrative technique ,tone and point of view in context of prescribed novel.</p>			
<b>Syllabus:</b>			
<b>Unit No.</b>	<b>Unit Title</b>	<b>Subtitles (Learning Points)</b>	
1	<b>Indian author's contribution to Science Fiction</b>	Major Indian authors and their works in science fiction: broad survey of areas of interest, themes ( ideas/concepts) like time travel, star wars , aliens , aftermaths of nuclear war, artificial intelligence ,a projected advance in technology etc.	
2	<b>Novel</b>	<i>The Return of Vaman</i> by Dr. Jayant Naralikar	
<b>Learning Resources Recommended:</b>			
<ul style="list-style-type: none"> <li>● Abrams, M.H. <i>Glossary of Literary Terms</i>. India, Macmillan Publishers, 2000.</li> <li>● Brooks, Cleanth and Warren, Robert Penn. <i>Understanding Fiction</i>, Printice Hall.</li> <li>● Forster , E M. <i>Aspects of the Novel</i>,(1954) London: Rosetta books, 2002.</li> </ul>			
<b>Teaching Plan:</b>			
<b>Unit No.</b>	<b>Unit Title</b>	<b>Teaching Methods</b>	<b>No. of Lectures</b>

<b>1</b>	Indian author's contribution to Science Fiction	-Lecture - Seminar	<b>05</b>
<b>2</b>	Novel	-Lecture -Interactive	<b>25</b>

### Evaluation Pattern

#### A) Continuous Internal Evaluation: Maximum Marks: 20

Particulars	Marks
Class test, home assignment, seminar, viva voce, report submission, etc.	15
active class participation and attendance	05

#### B) Semester End Examination: Maximum Marks: 30

Question No. and Sub questions	Unit and sub unit (with number and title)	Type of Question	Marks
<b>Q. 1</b>	<b>Unit – 1</b>	A)Objective type questions. B) Short notes (2 out of 3)	05 10
<b>Q. 2</b>	<b>Unit – 2</b>	A) Essay OR B) Short notes (3 out of 5)	15

Note :

1. The topic or unit for Internal Evaluation will be declared well in advance to the students.
2. The topics/ units for the Internal Evaluation and Semester End Examination may be interchanged with prior intimation to the students.

**Date:** 15/04/25

**Place:** Ratnagiri

**Mr. Athalye Vasudev Manohar**  
**Chairperson ,**  
**Board of Studies, English**