



**Criterion** : II – Teaching, Learning and Evaluation

**Metric** : 2.2.1 – Courses for Advanced & Slow Learners

**Year** : 2015 - 2020



## SYLLABUS FOR ADVANCED LEARNERS AND SLOW LEARNERS IN PG OFFERED BY THE DEPARTMENT OF CHEMISTRY

i) Analytical Chemistry –19PG4CE3 for Advanced Learners

ii) Chemical Engineering- 19PG4CE4 for Slow Learners

Based on Semester III marks, M.Sc., students take up the Advanced Course in Semester IV

### FATIMA COLLEGE (AUTONOMOUS), MADURAI-625018 DEPARTMENT OF CHEMISTRY- 19PG4CE4 CHEMICAL ENGINEERING (For those who joined in 2019) Semester-IV

5 Hrs/week

4 credits

**Objective:** This paper mainly deals with Engineering, analytical and application oriented chemistry. It also deals with programming in C language and its applications to solve problems in chemistry. After successful completion of programme, students will able to

#### Unit-I Programming in C Language and its applications in Chemistry (15 Hrs)

Introduction, Character set in C, Style of C Language – Identifiers and Key words – Constants, Variables and Data types, Operators in C, Input and Output in C, Control statements in C, Storage classes in C, Functions in C, Arrays and pointers, The type def statement and Files in C language. Writing the Program using the various features of C language -Determination of normality, molarity and molality of solutions – Determination of half life of a radio active nucleus

#### Unit –II Water Technology (15 Hrs)

Hardness of water-Equivalents of calcium carbonate- units of hardness- Estimation of hardness – Treatment of water for domestic supply –Boiler feed water and its requirements- scale and sludge formation in boilers—Caustic embrittlement-priming and foaming- softening and conditioning methods – External and internal conditioning-Desalination of Brackish water-Reverse osmosis.

#### Unit –III Spectrophotometric methods and Radiochemical methods (15 Hrs)

Principles and applications of photometry, Atomic absorption spectrophotometry – Principles, Instrumentation (Block diagram), Fluorimetry, Turbidimetry, Nephelometry and photometric titrations.

#### Unit –IV Corrosion and its control: (15 Hrs)

Introduction – dry or chemical corrosion-Wet or electro chemical corrosion – galvanic corrosion – concentration cell corrosion- passivity- pittig corrosion- intergranular corrosion- water line corrosion-stress corrosion- factors influencing corrosion- protection against corrosion- corrosion inhibitors- applications of protective coatings.

#### Unit-V Polymers (15 Hrs)

Introduction, Engineering plastic-Rubber or elastomers-Vulcanization of Rubber and important synthetic Rubbers-Individual polymers – Poly methyl methacrylate –poly esters-poly carbonates-poly sulphones-poly imides-poly vinyl acetate-poly butadiene-poly chloroprene-phenol-formaldehyde resin-urea- formaldehyde and melamine formaldehyde resin-epoxy polymers and silicone polymers.

#### References:

- 1) K.V. Raman-Computers in Chemistry – Tata Mc Graw- Hill - 2005.
- 2) E. Bala Guru samy – Programming in Ansi-C - Tata Mc Graw- Hill – Sixth edition -2014.
- 3) Jain and jain – Engineering Chemistry –
- 4) Introduction to polymer science-V.R. Gowarikar, N. V.Viswanathan and J.sridhar.wiley eastern.
- 5) Analytical Chemistry- Theory and Practice – U. N. Dash – Sultan Chand and Sons- 2013



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**FATIMA COLLEGE (AUTONOMOUS), MADURAI-625018**  
**DEPARTMENT OF CHEMISTRY**  
**Analytical Chemistry –19PG4CE3**  
 (For those who joined in 2019)  
**Semester-IV**

**5 Hrs/week**

**4 credits**

**Objective:** This paper deals with analytical methods. It also deals with programming in C language and its applications to solve problems in chemistry.

**Unit –I**

**(15 Hrs)**

**Programming in C Language**

- (a) Introduction, Character set in C, Style of C Language – Identifiers and Key words – Constants, Variables and Data types, Operators in C.
- (b) Input and Output in C, Control statements in C, Storage classes in C, Functions in C, Arrays and pointers, Preprocessors in C, The type def statement and Files in C language.

**Unit –II**

**(15 Hrs)**

**Applications of C Language in Chemistry**

Writing the Program using the various features of C language –Determination of mass number of any atom-Determination of electronegativity of an atom from bond energy data using pauling's relation, Calculation of ionic strength, Determination of lattice energy of a crystal using Born-Lande equation, Determination of Shapes of molecules or ions using VSEPR Theory, Determination of Normality, Molarity and Molality of solutions, Determination of half life of a radioactive nucleus.

**Unit – III**

**(15 Hrs)**

**(a) Electroanalytical methods**

Coulometry and coulometric titrations, Cyclic Voltametry.

**(b) Thermal methods**

Principles of TGA, and DSC - Applications to simple salts – Oxysalts, Carbonates and complex salts.

**Unit – IV**

**(15 Hrs)**

**(a) Error Analysis**

Accuracy and Precision, Determinate and Indeterminate errors, Significant figures, Ways of expressing accuracy – Absolute and relative error, Standard deviation, The confidence limit, Tests of significance – The F test and The student T test, Rejection of a result – The Q test, Linear least squares to plot the data, Correlation coefficient.

**(b) Chromatography**

Principles, Adsorption, Partition, ion exchange chromatography, HPLC, Paper and Gas Chromatography.

**Unit –V**

**(15 Hrs)**

**Spectrophotometric methods and Radiochemical methods**

Principles and applications of photometry, Flame emission spectrometry, Atomic absorption spectrophotometry – Principles, Instrumentation (Block diagram), Fluorimetry, and photometric titrations.

**Reference Books:**

1. Douglas A. Skoog, Donald M. West and F. James Holler, Fundamentals of analytical Chemistry, Harcourt Asia Pvt. Ltd., 2001.
2. R.A. Day, Jr. and A.L. Underwood, Analytical Chemistry, Prentice-Hall of India, 2001.
3. H. Kaur, Instrumental methods of chemical analysis, Pragati Prakashan, 2003.
4. G.H. Jeffery, J. Bassett, J. Mendham and R.C. Denney, Vogel's Textbook of Quantitative Chemical Analysis, Longman Scientific and Technical, 1989.
5. Programming in ANSI C - E.Balagurusamy
6. Computers in Chemistry - K.V.Raman





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**FATIMA COLLEGE (AUTONOMOUS), MADURAI-625018**  
**DEPARTMENT OF CHEMISTRY- PG4CE4**  
**CHEMICAL ENGINEERING**  
 (For those who joined in 2017)  
**Semester-IV**

5 Hrs/week

4 credits

**Objective:** This paper mainly deals with Engineering, analytical and application oriented chemistry. It also deals with programming in C language and its applications to solve problems in chemistry. After successful completion of programme, students will able to

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**FATIMA COLLEGE (AUTONOMOUS), MADURAI-625018**  
**DEPARTMENT OF CHEMISTRY**  
**Analytical Chemistry –PG-4CE3**  
 (For those who joined in 2017)  
**Semester-IV**

**5 Hrs/week**

**4 credits**

**Objective:** This paper deals with analytical methods. It also deals with programming in C language and its applications to solve problems in chemistry.

**Unit –I**

**(15 Hrs)**

**Programming in C Language**

- (a) Introduction, Character set in C, Style of C Language – Identifiers and Key words – Constants, Variables and Data types, Operators in C.
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**Unit –II**

**(15 Hrs)**

**Applications of C Language in Chemistry**

Writing the Program using the various features of C language –Determination of mass number of any atom-Determination of electronegativity of an atom from bond energy data using pauling's relation, Calculation of ionic strength, Determination of lattice energy of a crystal using Born-Lande equation, Determination of Shapes of molecules or ions using VSEPR Theory, Determination of Normality, Molarity and Molality of solutions, Determination of half life of a radioactive nucleus.

**Unit – III**

**(15 Hrs)**

(a) **Electroanalytical methods**

Coulometry and coulometric titrations, Cyclic Voltametry.

(b) **Thermal methods**

Principles of TGA, and DSC - Applications to simple salts – Oxysalts, Carbonates and complex salts.

**Unit – IV**

**(15 Hrs)**

(a) **Error Analysis**

Accuracy and Precision, Determinate and Indeterminate errors, Significant figures, Ways of expressing accuracy – Absolute and relative error, Standard deviation, The confidence limit, Tests of significance – The F test and The student T test, Rejection of a result – The Q test, Linear least squares to plot the data, Correlation coefficient.

(b) **Chromatography**

Principles, Adsorption, Partition, ion exchange chromatography, HPLC, Paper and Gas Chromatography.

**Unit –V**

**(15 Hrs)**

**Spectrophotometric methods and Radiochemical methods**

Principles and applications of photometry, Flame emission spectrometry, Atomic absorption spectrophotometry – Principles, Instrumentation (Block diagram), Fluorimetry, and photometric titrations.

**Reference Books:**

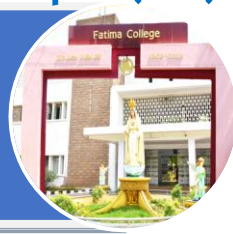
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3. H. Kaur, Instrumental methods of chemical analysis, Pragati Prakashan, 2003.
4. G.H. Jeffery, J. Bassett, J. Mendham and R.C. Denney, Vogel's Textbook of Quantitative Chemical Analysis, Longman Scientific and Technical, 1989.
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**Year** : 2015 - 2020



**THE RESEARCH CENTRE OF ENGLISH &  
THE DEPARTMENT OF ENGLISH (SHIFT – II)  
Syllabus for Advanced Learners from 2015 Onwards**

FATIMA COLLEGE (AUTONOMOUS)  
English Communication Skills- Advanced – ELC1  
Syllabus- 2015  
Semester I  
No. of Hours: 6 x 15= 90 hours  
No. of credits: 3 credits

**General Objective:**

To enable the students to speak and write effectively in English.

**Specific Objectives:**

At the end of the course the students will be able to

- Use LSRW skills.
- enrich the vocabulary, accent and related skills
- use English creatively
- speak and write grammatically correct sentences

Unit- I [18 hrs]

1. Around the World
2. Maps
3. Graphs
4. Tables

Unit- II [18 hrs]

1. The Joys of a dictionary
2. The Many floors of the forest
3. How to use a dictionary

Unit- III [18 hrs]

1. The Pleasures of a Library
2. Using reference
3. The King's new palace

Unit- IV [18 hrs]

1. Fun with travel
2. Interpreting Diagrams
3. Making Notes

Unit- V [18 hrs]

1. Group Discussion
2. Interview Skills
3. Personality

**TEXTBOOK:**

Inthira.S.R, Sarasvathi V. *Enrich your English: Book II: Academic Skills*. Oxford University Press, Hyderabad. 2000. Print

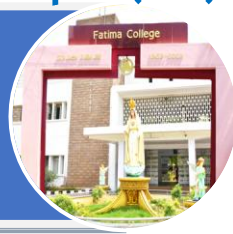




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**Metric** : 2.2.1 – Courses for Advanced & Slow Learners

**Year** : 2015 - 2020



**FATIMA COLLEGE (AUTONOMOUS)**  
**English Communication Skills- Advanced – ELC2**  
**Syllabus- 2015**  
**Semester II**  
**No. of Hours: 6 x 15= 90 hours**  
**No. of credits: 3 credits**

**General Objective:**

To enable the students to speak and write effectively in English.

**Specific Objectives:**

At the end of the course the students will be able to

- Use LSRW skills.
- enrich the vocabulary, accent and related skills
- use English creatively
- speak and write grammatically correct sentences

**UNIT I** **[18 hrs]**

1. In a nutshell
2. Summarising
3. Daddy-Long-Legs

**UNIT II** **[18 hrs]**

1. The Secret of Success
2. Report Writing
3. Cat, Lion and Man

**UNIT III** **[18 hrs]**

1. Putting Ideas together I
2. Paragraph Writing
3. International Sport

**UNIT IV** **[18 hrs]**

1. Putting Ideas together II
2. Essay Writing
3. The Watery Place

**UNIT V** **[18 hrs]**

1. The Road Not Taken
2. Understanding and Enjoying Poetry
3. What shall I be?

**TEXTBOOK:**

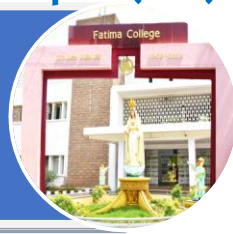
Inthira.S.R, Sarasvathi V. *Enrich your English: Book II: Academic Skills*. Oxford University Press, Hyderabad. 2000. Print



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**Year** : 2015 - 2020



**FATIMA COLLEGE (AUTONOMOUS), MADURAI**  
**Semester- IV**  
**English communication Skills-Advanced-ELC3**  
**For those who joined from 2015**  
**Syllabus**  
**No. of Hours: 6 x 15= 90 hours**  
**No. of credits: 3 credits**

**General Objective:** To develop Communicative skills

**Specific Objective:**

At the end of the course the students will be able to

- Use LSRW skills effectively.
- Enhancing the vocabulary, accent and pronunciation.

**Unit –I**

[18 hrs]

1. I Want a Wife
2. Wishes and Regrets
3. Wants
4. Sonnet XVII
5. Parallel Reading

**Unit- II**

[18 hrs]

1. Two Letters
2. Expressing Opinion
3. Elegy for Alfred Hubbard
4. Know A Literary Term
5. Delve To Decipher

**Unit- II**

[18 hrs]

1. Black Hope
2. Obligation
3. My Last Duchess
4. Know A Literary Term
5. Delve to Decipher

**Unit-III**

[18 hrs]

1. The King and The Doctors
2. Exploring
3. Influence to Act
4. Reporting
5. Ode on a Grecian Urn
6. Parallel Reading

**Unit-IV**

[18 hrs]

1. Who Knows it
2. Attitudes and Reactions
3. Conclusions from Evidence
4. An Introduction
5. Delve to Decipher

**Unit-V**

[18 hrs]

1. In Search of Our Mother's Garden
2. Surprising Realities
3. Similarities and Differences
4. Fantasising
5. The Nun's Priest's Tale
6. Delve to Decipher

**TEXT BOOK:**

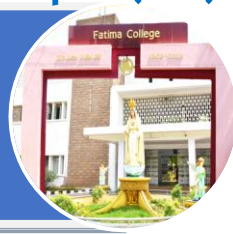
*Journeying with Literature*- in-house text book prepared by The Department of English  
 Fatima College, Madurai. 2002.



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### FATIMA COLLEGE (AUTONOMOUS), MADURAI

Semester- III

English communication Skills-Advanced-ELC4

For those who joined from 2015

Syllabus

No. of Hours: 6 x 15= 90 hours

No. of credits: 3 credits

**General Objective:** To develop Communicative skills

**Specific Objectives:**

At the end of the course the students will be able to

- Use LSRW skills effectively.
- Enhancing the vocabulary, accent and pronunciation.

**Unit-1** [18 hrs]

- 1.The Doll's House
2. The Metaphor
- 3.How Raj Kapoor Saved My Life
4. Phrasal Verb
- 5.Word Power

**Unit- II** [18 hrs]

- 1.The Necklace
- 2.Tell Tall tales
- 3.Word Power
- 4.The Nightingale And The Rose
- 5.Homographs and Heteronyms

**Unit- III** [18 hrs]

- 1.The Open Window
2. Idioms
- 3.The Black Cat
4. Writing Skills

**Unit-IV** [18 hrs]

- 1.Nobody Here But Us Chickens
2. Phrases
- 3.Hijack
4. Writing skills

**Unit-V** [18 hrs]

- 1.Chandalika
2. Idioms
- 3.Greeting phrases

#### TEXT BOOK:

*Journeying with Literature-* in-house text book prepared by The Department of Eng  
Fatima College, Madurai. 2002.





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**Year** : 2015 - 2020



**THE RESEARCH CENTRE OF ENGLISH &  
THE DEPARTMENT OF ENGLISH (SHIFT – II)  
Syllabus for Intermediate Learners from 2015 Onwards**

**FATIMA COLLEGE (AUTONOMOUS)  
English Communication Skills- Intermediate – ELC1  
Syllabus- 2015  
Semester I  
No. of Hours: 6 x 15= 90 hours  
No. of credits: 3 credits**

**General Objective:** To develop Communicative skills

**Specific Objective:**

At the end of the course the students will be able to

- Use LSRW skills effectively.
- Enhancing the vocabulary, accent and pronunciation.

**Unit- I** [18 Hrs]

1. I have a dream
2. Countable & Uncountable Nouns
3. Articles
4. Completing a story
5. A barber and a stranger
6. Simple past & past perfect tenses

**UNIT - II** [18 Hrs]

1. Jones's Suitcase
2. Adverbs of frequency
3. Developing a story
4. Our happiness
5. Adjectives
6. Describing a person

**UNIT – III** [18 Hrs]

1. At the teastall
2. Direct & indirect object
3. Some and any
4. Dennis, the Menace
5. Subject Verb agreement

**UNIT – IV** [18 Hrs]

1. Making complaints
2. Seeking advice and giving opinion
3. Inviting a Dignitary for college function
4. Dialogue Writing

**UNIT – V**

1. At the office: Seeking permission
2. Asking time (2)
3. Days and dates
4. Precis Writing

**TEXT BOOK:**

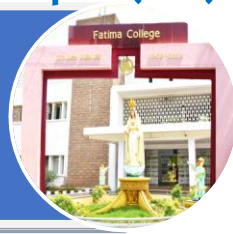
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**FATIMA COLLEGE (AUTONOMOUS)**  
**English Communication Skills- Intermediate- ELC2**  
**Syllabus- 2015**  
**Semester II**  
**No. of Hours: 6 x 15= 90 hours**  
**No. of credits: 3 credits**

**General Objective:**

To enable the students to speak confidently in English.

**Specific Objectives:**

At the end of the course the students will be able to

- Use LSRW skills.
- enrich the vocabulary
- communicate effectively in English
- speak and write grammatically correct sentences

**UNIT- I**

[18Hrs]

1. Little Dora
2. Simple Present Tense
3. Letter Writing
4. The Spirit's Pilgrimage
5. Regular and Irregular Verbs
6. Note making

**UNIT – II**

[18Hrs]

1. Black and white
2. Reported speech
3. Report Writing
4. Experiment and Experience
5. To- infinitive
6. Description of objects

**UNIT – III**

[18 Hrs]

1. The Sun
2. Auxiliary verbs
3. On Smiling
4. Preposition
5. Infinitives
6. Description of place

**UNIT –IV**

[18 Hrs]

1. Congratulating and wishing well
2. Offering and declining assistance
3. Getting to know each other
4. Possibility
5. Learning to Drive
6. Paragraph writing

**UNIT – V**

[18 Hrs]

1. Attending an interview
2. At the post office
3. Time and calendar
4. Asking about Prices
5. Immediate family relatives
6. Road map

**TEXT BOOK:**

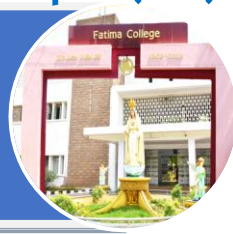
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### FATIMA COLLEGE (AUTONOMOUS), MADURAI

#### Semester- III

#### English communication Skills-Intermediate-ELC3

For those who joined from 2012 onwards

#### Syllabus

No. of Hours: 6 x 15= 90 hours

No. of credits: 3 credits

**General Objective:** To develop an awareness of English and Language Learning Skills

**Specific Objective:** At the end of the course the students will be able to

- Use LSRW skills effectively.
- To enrich the language skills of the students.

#### Unit –I [18 hrs]

1. How to Bring the World Closer
2. Skimming: Getting the main ideas of a Passage
3. The Post

#### Unit-II [18 hrs]

1. Let's Look Around
2. Scanning: Looking For Specific Information
3. The Cherry Tree

#### Unit- III [18 hrs]

1. The Works of Nature and Man
2. Finding the Meaning(s) of Words
3. Air Mail

#### Unit-IV [18 hrs]

1. The World Around Us
2. Understanding clearly Stated Information
3. UFO

#### Unit- V [18 hrs]

1. Stories Real and Not So Real
2. Understanding the Order of Words in Sentences
3. Gandhiji Returns the Costly Gifts

#### TEXT BOOK:

V. Saraswathi and S. R. Inthira. *Enrich Your English: Communication Skills*. Hyderabad Book: OUP, 2010

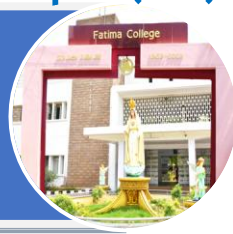




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## FATIMA COLLEGE (AUTONOMOUS), MADURAI

### Semester- IV

### English communication Skills-Advanced-ELC4

For those who joined from 2012 onwards

### Syllabus

No. of Hours: 6 x 15= 90 hours

No. of credits: 3 credits

**General Objective:** To develop communicative skills and enhancing their cognitive ability

**Specific Objective:**

- Use LSRW skills effectively.
- To enrich the language skills of the students.

#### Unit –I

[18 hrs]

1. The Wonders of the Earth
2. Relating Ideas in Paragraphs and Passages
3. The Gift

#### Unit-II

[18 hrs]

1. The Miracles of Biology
2. Using Signal Words
3. The Lion and the Mosquitoes

#### Unit-III

[18 hrs]

1. Around the Campus
2. Understanding Phrases
3. The Old Man and the Three Brothers

#### Unit-IV

[18 hrs]

1. In Search of A Better World
2. Understanding the Organization of a Passage
3. The Wooden Cup

#### Unit-V

[18 hrs]

1. Marriage is a Private Affair—A Short Story
2. Reading Literature: Using Prediction Techniques
3. An Old Man

#### TEXT BOOK:

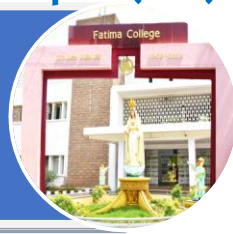
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**THE RESEARCH CENTRE OF ENGLISH &  
THE DEPARTMENT OF ENGLISH (SHIFT – II)  
Syllabi for Basic Learners from 2015 Onwards**

**FATIMA COLLEGE (AUTONOMOUS)  
English Communication Skills- Basic – ELC1  
Syllabus- 2015  
Semester I**

**General Objective:**

To enable the students to speak confidently in English.

**Specific Objectives:**

At the end of the course the students will be able to

- Use LSRW skills.
- enrich the vocabulary
- communicate effectively in English
- speak and write grammatically correct sentences

**Unit- I**

[18 Hrs]

1. Que Sera Sera
2. Adjectives
3. Future Tense
4. Young Suresh
5. Simple Present tense
6. Adverbs of frequency

**Unit- II**

[18 Hrs]

1. Soup of the soup of the duck
2. Articles
3. Prepositions
4. Know who you are
5. Nouns
6. Anecdote

**Unit- III**

[18 Hrs]

1. Mrs. King's House
2. Yes or no questions
3. Short responses
4. The Pride of Pathan
5. Present Continuous tense
6. Running commentary

**Unit – IV**

[18 Hrs]

1. Greeting and Parting
2. Accepting and declining invitation (informal)
3. On the telephone
4. Short Story Writing
5. Dialogue writing

**UNIT –V**

[18 Hrs]

1. At the Library
2. Daily Activities
3. What Did You Do
4. Personal Profile
5. Daily routine

**TEXT BOOK:**

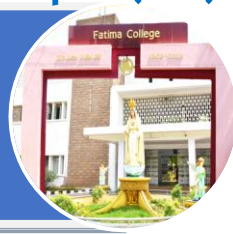
*Getting Ahead*- in-house text book prepared by The Department of English Fatima College, Madurai. 2001



**Criterion** : II – Teaching, Learning and Evaluation

**Metric** : 2.2.1 – Courses for Advanced & Slow Learners

**Year** : 2015 - 2020



**FATIMA COLLEGE (AUTONOMOUS)**  
**English Communication Skills- Basic ELC2**

**Syllabus- 2015**

**Semester II**

**No. of Hours: 6 x 15= 90 hours**

**No. of credits: 3 credits**

**General Objective:**

To enable the students to speak confidently in English.

**Specific Objectives:**

At the end of the course the students will be able to

- Use LSRW skills.
- enrich the vocabulary
- communicate effectively in English
- speak and write grammatically correct sentences

**Unit- I**

**[18 hrs]**

1. Ducks' Legs
2. Be verbs
3. Regular verb
4. Irregular verb
5. From Santiniketan
6. Verbs of perception

**UNIT -II**

**[18 hrs]**

1. Tearful Farewell
2. Yes/no questions
3. Wh questions
4. Mass Production
5. Present Perfect tense
6. Reported speech

**UNIT III**

**[18 hrs]**

1. Up From Slavery
2. Simple past tense
3. Short Essay
4. What is Culture?
5. Group discussion

**UNIT IV**

**[18 hrs]**

1. Hire Purchase
2. Asking About A Course
3. Visiting a sick friend
4. Analytical report

**UNIT V**

**[18 hrs]**

1. Persuading a friend
2. Asking directions
3. Asking time (1)
4. Letter writing

**TEXT BOOK:**

*Getting Ahead*- in-house text book prepared by The Department of English Fatima College, Madurai. 2001

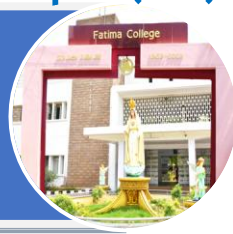




**Criterion** : II – Teaching, Learning and Evaluation

**Metric** : 2.2.1 – Courses for Advanced & Slow Learners

**Year** : 2015 - 2020



**FATIMA COLLEGE (AUTONOMOUS)**  
**English Communication Skills- Basic ELC3**  
**Syllabus- 2015**  
**Semester III**  
**No. of Hours: 6 x 15= 90 hours**  
**No. of credits: 3 credits**

**General Objective:**

To enable the students to speak confidently in English.

**Specific Objectives:**

At the end of the course the students will be able to

- Use LSRW skills.
- enrich the vocabulary
- communicate effectively in English
- speak and write grammatically correct sentences

**UNIT- I**

[18 hrs]

1. I have a dream
2. Countable & Uncountable Nouns
3. Articles
4. Completing a story
5. A barber and a stranger
6. Simple past & past perfect tenses

**UNIT - II**

[18 hrs]

1. Jones's Suitcase
2. Adverbs of frequency
3. Developing a story
4. Our happiness
5. Adjectives
6. Describing a person

**UNIT – III**

[18 hrs]

1. At the teastall
2. Direct & indirect object
3. Some and any
4. Dennis, the Menace
5. Subject Verb agreement

**UNIT – IV**

[18 hrs]

1. Making complaints
2. Seeking advice and giving opinion
3. Inviting a Dignitary for college function
4. Dialogue Writing

**UNIT – V**

[18 hrs]

1. At the office: Seeking permission
2. Asking time (2)
3. Days and dates
4. Precis Writing

**TEXT BOOK:**

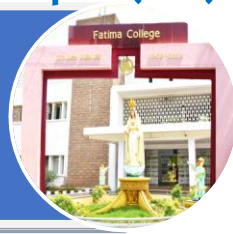
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**Criterion** : II – Teaching, Learning and Evaluation

**Metric** : 2.2.1 – Courses for Advanced & Slow Learners

**Year** : 2015 - 2020



**FATIMA COLLEGE (AUTONOMOUS)**  
**English Communication Skills- Basic- ELC4**  
**Syllabus 2015**  
**Semester IV**  
**No. of Hours: 6 x 15= 90 hours**  
**No. of credits: 3 credits**

**General Objective:**

To enable the students to speak confidently in English.

**Specific Objectives:**

At the end of the course the students will be able to

- Use LSRW skills.
- enrich the vocabulary
- communicate effectively in English
- speak and write grammatically correct sentences

**Unit- I** [18 hrs]

1. Little Dora
2. Simple Present Tense
3. Letter Writing
4. The Spirit's Pilgrimage
5. Regular and Irregular Verbs
6. Note making

**UNIT – II** [18 hrs]

1. Black and white
2. Reported speech
3. Report Writing
4. Experiment and Experience
5. To- infinitive
6. Description of objects

**UNIT – III** [18 hrs]

1. The Sun
2. Auxiliary verbs
3. On Smiling
4. Preposition
5. Infinitives
6. Description of place

**UNIT –IV** [18 hrs]

1. Congratulating and wishing well
2. Offering and declining assistance
3. Getting to know each other
4. Possibility
5. Learning to Drive
6. Paragraph writing

**UNIT – V** [18 hrs]

1. Attending an interview
2. At the post office
3. Time and calendar
4. Asking about Prices
5. Immediate family relatives
6. Road map

**TEXT BOOK:**

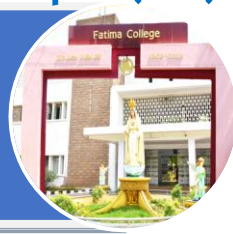
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**Metric** : 2.2.1 – Courses for Advanced & Slow Learners

**Year** : 2015 - 2020



**THE RESEARCH CENTRE OF ENGLISH &  
THE DEPARTMENT OF ENGLISH (SHIFT – II)  
Part II English Syllabi 2019-2020**

**FATIMA COLLEGE (AUTONOMOUS)  
19EILAI- ADVANCED COMMUNICATIVE ENGLISH**

**Semester I**

No. of Hours: 5 x 15 = 75 hours

No. of credits: 3 credits

**COURSE OUTCOMES:**

At the end of the course the students will be able to

CO1: use advanced level English in writing

CO2: acquire the techniques of polishing their language skills

CO3: express their mind with rich vocabulary

CO4: distinguish between the wrong and correct usage of phrases and expressions

CO5: speak with eloquence

**Unit I:- Listening** [15 hrs]

1. Moana (Movie)

**Unit II:- Speaking- 1** [15 hrs]

1. On the Campus
  - a. Making Introductions
  - b. Yes/ No Questions
  - c. Responses
2. At the Post office
  - a. Idioms and phrases
  - b. Obligations
  - c. Conversations

**Unit III:- Speaking- 2** [15 hrs]

1. Outside the class
  - a. Informal expressions
  - b. Expressing abilities and possibilities
  - c. Making inferences
  - d. Persuading
  - e. Using modals

**Unit IV:- Reading** [15 hrs]

1. Oscar Wilde- Nightingale and the Rose
2. Rudyard Kipling- How the Whale got his throat
3. Ray Bradbury- A sound of thunder

**Unit V:- Writing** [15 hrs]

1. At the College
  - a. Framing Questions
  - b. Letter Writing
  - c. Filling forms
2. For Business and Pleasure
  - a. Writing Instructions
  - b. Writing Reviews
  - c. Creating Advertisements

**TEXT BOOK:**

Krishnaswamy.N & T. Sriraman. *Creative English for Communication*. Macmillan, Hyderabad. 2009. Print.

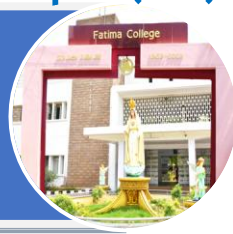




**Criterion** : II – Teaching, Learning and Evaluation

**Metric** : 2.2.1 – Courses for Advanced & Slow Learners

**Year** : 2015 - 2020



**FATIMA COLLEGE (AUTONOMOUS)**  
**19E2LA2- ENGLISH FOR CREATIVE WRITING**  
**Semester II**  
**No. of Hours: 6 x 15= 90 hours**  
**No. of credits: 3 credits**

**COURSE OUTCOMES:**

At the end of the course the students will be able to

CO1: express their thoughts creatively in English.

CO2: write different forms of continuous writing

CO3: interpret poems and novel

CO4: create cartoons and stories on their own

CO5: cultivate the interest of reading for pleasure

**Unit I:- Listening**

[15 hrs]

1. Speech of Steve Jobs (on Graduation day)

**Unit II:- Speaking- 1**

[15 hrs]

1. Are you smart?
  - a. Arguments
  - b. Telephone Conversation
  - c. Reactions
2. Are you Creative?
  - a. Creative excuses
  - b. Advices
  - c. Discussions

**Unit III:- Speaking- 2**

[15 hrs]

1. How to win?
  - a. Informal dialogues
  - b. Giving Solutions
  - c. Story telling
2. Is it Hard to improve?
  - a. Idiomatic resolutions
  - b. Riddles
  - c. debates

**Unit IV:- Reading**

[15 hrs]

1. Benyamin- *Goat Days*

**Unit V:- Writing**

[15 hrs]

1. Snakes and Ladders
  - a. CV preparation
  - b. Description of people
  - c. Description of jobs

**Textbooks:**

Benyamin. *Goat Days*. Penguin Books. India. 2012

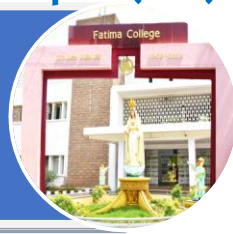
Krishnaswamy.N & T. Sriraman. *Creative English for Communication*. Macmillan, Hydrebad. 2009. Print.



**Criterion** : II – Teaching, Learning and Evaluation

**Metric** : 2.2.1 – Courses for Advanced & Slow Learners

**Year** : 2015 - 2020



**FATIMA COLLEGE (AUTONOMOUS)**  
**19EILLI- INTERMEDIATE COMMUNICATIVE ENGLISH**

Semester I

No. of Hours: 5 x 15= 75 hours

No. of credits: 3 credits

**COURSE OUTCOMES:**

At the end of the course the students will be able to

CO1: use intermediate English in writing

CO2: read and interpret texts

CO3: improve their vocabulary

CO4: comprehend and respond to situations

CO5: comprehend and appreciate songs and videos

**Unit I:- Listening**

[15 hrs]

1. Someone tell me Why
2. Respect the National Anthem

**Unit II:- Speaking- 1**

[15 hrs]

1. Greeting and parting
2. Accepting and declining invitation
3. On the telephone
4. Visiting a sick friend
5. Making Complaint

**Unit III:- Speaking- 2**

[15 hrs]

1. Daily Activities
2. What did you do?
3. Asking directions
4. Asking time (1)
5. Asking time (2)

**Unit IV:- Reading**

[15 hrs]

1. Still I rise
2. Rapunzel! Let down your hair

**Unit V:- Writing**

[15 hrs]

1. To Dear Jeremy and Sacia
2. Oh Mind! Relax Please!

**TEXT BOOKS:**

*English Matters Volume 1*- in-house text book prepared by The Department of English Fatima College, Madurai. 2018.

*Spoken English*- in-house text book prepared by Ms. S. Aarthi, The Research Centre of English Fatima College, Madurai. 2015

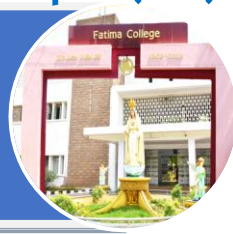
*English Matters Volume 1 Workbook*- in-house work book prepared by The Department of English Fatima College, Madurai. 2018.



**Criterion** : II – Teaching, Learning and Evaluation

**Metric** : 2.2.1 – Courses for Advanced & Slow Learners

**Year** : 2015 - 2020



**FATIMA COLLEGE (AUTONOMOUS)  
19E2LI2- ENGLISH FOR EMPOWERMENT**

**Semester II**

**No. of Hours: 5 x 15= 75 hours**

**No. of credits: 3 credits**

**COURSE OUTCOMES:**

At the end of the course the students will be able to

- CO1: write contents for blogs and web pages
- CO2: listen to speeches and stories and comprehend them
- CO3: appreciate plays
- CO4: improve their conversational skills
- CO5: pen down their travel experiences

**Unit I:- Listening**

**[15 hrs]**

1. Love is natural
2. Obama on climate change

**Unit II:- Speaking- 1**

**[15 hrs]**

1. Seeking advice and giving opinion
2. At the office- Seeking permission
3. Congratulating and wishing well
4. Attending an Interview
5. Getting to know each other

**Unit III:- Speaking- 2**

**[15 hrs]**

1. Days and dates
2. At the post office
3. Time and Calendar
4. Asking about prices
5. Immediate family relatives

**Unit IV:- Reading**

**[15 hrs]**

1. Your turn to ask
2. Damon and Pythias

**Unit V:- Writing**

**[15 hrs]**

1. Explore to be enlightened
2. Unleashing Creativity

**TEXT BOOKS:**

*English Matters Volume 1*- in-house text book prepared by The Department of English Fatima College, Madurai. 2018.

*Spoken English*- in-house text book prepared by Ms. S. Aarthi, The Research Centre of English Fatima College, Madurai. 2015

*English Matters Volume 1 Workbook*- in-house work book prepared by The Department of English Fatima College, Madurai. 2018.

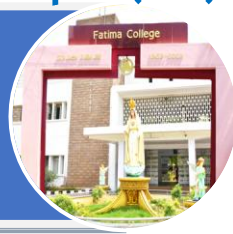




**Criterion** : II – Teaching, Learning and Evaluation

**Metric** : 2.2.1 – Courses for Advanced & Slow Learners

**Year** : 2015 - 2020



**FATIMA COLLEGE (AUTONOMOUS)**  
**19E1LB1- BASIC COMMUNICATIVE ENGLISH**  
**Semester I**  
**No. of Hours: 5 x 15= 75 hours**  
**No. of credits: 3 credits**

**COURSE OUTCOMES:**

At the end of the course the students will be able to

CO1: use basic English in writing

CO2: read texts and comprehend passages

CO3: develop their vocabulary

CO4: comprehend and respond what they listen at the basic level

CO5: comprehend and appreciate songs and cartoons

**Unit I:- Listening** [15 hrs]

1. I have a Dream
2. Dennis the Menace

**Unit II:- Speaking- 1** [15 hrs]

1. Greeting and parting
2. Accepting and declining invitation
3. On the telephone
4. At the Library

**Unit III:- Speaking- 2** [15 hrs]

1. Daily Activities
2. What did you do?
3. Asking directions
4. Asking time (1)
5. Asking time (2)

**Unit IV:- Reading** [15 hrs]

1. Our Happiness
2. At the tea stall

**Unit V:- Writing** [15 hrs]

1. A Barber and Stranger
2. Jones' Suitcase

**TEXT BOOK:**

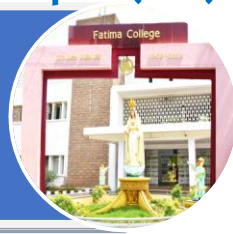
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**Criterion** : II – Teaching, Learning and Evaluation

**Metric** : 2.2.1 – Courses for Advanced & Slow Learners

**Year** : 2015 - 2020



**FATIMA COLLEGE (AUTONOMOUS)**  
**19E2LB2- ENGLISH FOR EFFECTIVE COMMUNICATION**  
**Semester II**  
**No. of Hours: 5 x 15= 75 hours**  
**No. of credits: 3 credits**

**COURSE OUTCOMES:**

At the end of the course the students will be able to

CO1: develop reading skills and reading speed in an effective way

CO2: write formal writings in an effective way

CO3: comprehend academic writings effectively

CO4: read and understand newspaper articles

CO5: develop effective writing skills to report events/ happenings

**Unit I:- Listening** [15 hrs]

1. The Sun
2. On smiling

**Unit II:- Speaking- 1** [15 hrs]

1. Hire purchase
2. Asking about a course
3. Visiting a sick friend
4. Persuading a friend
5. Making complaints

**Unit III:- Speaking- 2** [15 hrs]

1. Days and dates
2. At the post office
3. Time and Calendar
4. Asking about prices
5. Immediate family relatives

**Unit IV:- Reading** [15 hrs]

1. Black and White
2. Experiment and Experience

**Unit V:- Writing** [15 hrs]

1. Little Dora
2. The Spirit's Pilgrimage

**TEXT BOOK:**

*Getting Ahead*- in-house text book prepared by The Department of English Fatima College, Madurai. 2001

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