

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA - 8

(Affiliated to Krishna University, Machilipatnam)

SYLLABUS

Course Title: English for Communication

Course Code: 20CERSLEC1

No. of Hours: 30 Hrs.

Credits: 1

Objectives

- To empower students with proficiency in English.
- To ensure students with good careers.
- To meet the industry needs.
- To serve the needs of the community with proficiency in English.

Course Outcomes

CO1: Acquire language skills for effective communication.

CO2: Develop good careers with proficiency in English.

CO3: Hone skills of teaching and develop a sense of sharing.

UNIT - I: Introduction

(10 Hrs.)

Service Learning - Meaning - Concept - Importance - Principles - Ethical Concerns - Identification of Community - Need Analysis.

Activity

1. Introduce the concept of Service Learning through a case study/ role play/ animation/graphical representation etc.
2. Need-based analysis in a selected community through observations.
3. Identify the target group.

UNIT - II:

(10 Hrs.)

1. Sounds of English (Listen and Repeat)
2. Greeting & Introducing
3. Making requests and making enquiries
4. Asking and giving directions
5. Offering, accepting and declining help
6. Seeking, giving and refusing permissions
7. Thanks and gratitude
8. Apologizing & Complaining
9. Describing a person or a thing
10. Speaking about daily routine
11. Conversation with a stranger
12. Fluency practice

UNIT - III: Community Engagement & Analysis of Data

(10 Hrs.)

Engage with Community – Propose solutions for the need - Analysis of data – Reflection on Experiences – Create Awareness.

Activity

1. Analyze the data by using statistical tools.
2. Create awareness and analyse the problems.
3. Reflections and Recommendations.
4. Implement suitable solutions to the issues.
5. Generate a research report.

Reference Books

1. Skills by S. Hariharan, N. Sundarrajan and S.P. Shanmugapriya ,MJP Publishers.
2. English in Use, Course in Communication skills and Soft skills -2 edited by N.Usha and V.B. Chitra, Orient Black Swan.
3. Communication and Soft skills Volume -I - G.M.Sundaravalli , A.S. Kamalakar, P. Kusuma Harinath. Orient Black ed.
4. A Course in Listening and Speaking I - V. Sasi Kumar, P. Kiranmai Dutt, Geetha Rajeevan. Foundation Books Pvt. Ltd

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA
(Affiliated to Krishna University, Machilipatnam)
SYLLABUS

**Course Title: Telugu script for
Mobiles & DTP**

**Course Code: 22CERSLTS1
Credits: 1**

No. of Hours: 30 Hrs.

Objectives

- To apply academic skill and knowledge to address real -life needs in communities.
- To promote utilization of Telugu script for mobiles & desktop of community needs.
- To enhance community engagement skills and data analysis skills.

Course Outcomes

- CO1:** Describe the concept of Service Learning and identify the needs of selected communities.
- CO2:** Analyse the status of utilization of Telugu script for mobiles & desktop in selected community.
- CO3:** Develop greater competence, flexibility and adaptability in working with the community and recognize suitable solutions for the future.

UNIT-I

(10 Hours)

INTRODUCTION

1. Service Learning - Meaning - Concept - Importance - Principles – Ethical concerns - Introduction of Selected Community - Need Identification.

Activity

1. Introduce the concept of Service Learning through a case study/ role play/ animation/graphical representation etc.
2. Need-based analysis in a selected community through observations.
3. Identify the target group.

UNIT-II

(10 Hours)

Introduction of Telugu script for Mobiles& desktop Which keyboard is used to type Telugu script. How they are used.

Introduce Telugu Alphabet through keyword, word stress, Telugu sentences, mark quotations, underlining, colouring, highlighting, ect.

Activity

1. Discuss the difficulties in typing multiple Samyukthaksharas.
2. Discuss the difficulties in differentiating alpapranas and mahapranas.
3. Prepare a plan to analyse the issues.
4. Use different techniques to collect data

UNIT III: Community Engagement & Analysis of Data

(10 Hours)

Identify suitable solutions - Engage with Community - Create awareness - Analysis of data.

Activity

1. Analyse the data by using statistical tools.
2. Create awareness and analyse the problems.
3. Recommend and implement suitable solutions to the issues.
4. Generate a research report.

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA – 8

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SYLLABUS

Course Title: Spoken Hindi

No. of Hours: 30 Hrs.

Course Code: 22CERSLSH1

Credits: 1

Objectives

- To apply academic skills and knowledge to address real-life needs in communities.
- To help us in all facets of our lives whether it's to converse with someone or express ourselves.

Course Outcomes

CO1: Describe the concept of Service Learning and identify the needs of selected communities.

CO2: Develop good communication skills.

CO3: Develop greater competence, flexibility and adaptability in working with the community and recognize suitable solutions for the future.

UNIT - I: Introduction

(10 Hours)

1. Service Learning - Meaning - Concept - Importance - Principles - Ethical concerns - Introduction of Selected Community - Need Identification.

Activity

1. Introduce the concept of Service Learning through a case study/ role play/ animation/graphical representation etc.
2. Need-based analysis in a selected community through observations.
3. Identify the target group.

UNIT - II: Hindi Day to Day Life

(10 Hours)

Hindi letters and words - vegetables, fruits, condiments, relatives, parts of the body, household materials and emotions - Simple Conversations.

Activity

1. Skit will be played in Hindi conversation daily life.
2. Create awareness to identify fruits and vegetables
3. Quiz about the condiments

UNIT - III: Community Engagement & Analysis of Data

(10 Hours)

1. Engage with Community – Propose solutions for the need - Analysis of data – Reflection on Experiences – Create Awareness.

Activity

1. Analyze the data by using statistical tools.
2. Create awareness and analyze the problems.
3. Reflections and Recommendations.
4. Implement suitable solutions to the issues.
5. Generate a research report.

References / Web links

1. https://en.wikibooks.org/wiki/Hindi/Family_relations
2. <http://www.madhursandesh.com/2019/08/fruits-and-vegetables-names-in-hindi.htm>
3. <https://www.hindi2dictionary.com/%E0%A4%AE%E0%A4%B8%E0%A4%BE%E0%A4%B2%E0%A5%87%E0%A4%A6%E0%A4%BE%E0%A4%B0-meaning-hindi.html>

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA-8

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SYLLABUS

Course Title : Multiculturalism

Course Code: 22CERSLMC1

No. of Hours: 30 hrs

Credits: 1

Objectives:

- To apply academic skills and knowledge to address real-life needs in communities
- To promote the need for the existence of divergent cultures in an atmosphere of harmony and peaceful coexistence.

Course Outcomes:

CO1: Describe the concept of Service Learning and identify the needs of selected communities.

CO2: Identification of local religious/cultural sites and estimate their relevance to the society

CO3: Develop greater competence, flexibility and adaptability in working with the community and recognize suitable solutions for the future.

UNIT – I:

(10 Hours)

1. Service Learning - Meaning - Concept - Importance - Principles - Ethical concerns - Introduction of Selected Community - Need Identification.

Activity

1. Introduce the concept of Service Learning through a case study/ role play/ animation/graphical representation etc.
2. Need-based analysis in a selected community through observations.
3. Identify the target group.

UNIT – II:

(10 Hours)

Introduction to Indian Culture-Unity in diversity-different religions-customs & traditions-religious practices- belief systems; Local History-Religious sites in Vijayawada East- Hindu, Christian, Muslim, Sikh, Jain, etc.-special events – significance

Activity

1. Site visit
2. Group discussion & Interaction with locals
3. Assignment/seminar/PPT

UNIT - III: Community Engagement & Analysis of Data

(10 Hours)

Identify suitable solutions - Engage with Community - Create awareness - Analysis of data.

Activity

1. Analyse the data by using statistical tools.
2. Create awareness and analyse the problems.
3. Recommend and implement suitable solutions to the issues.
4. Generate a research report.

References

1. Mahajan, VD, History of Ancient India
2. Mahajan, Gurpreet (1998), Identities and Rights: Aspects of Liberal Democracy in India. Delhi: Oxford University Press.
3. Nandy, Ashis (1998), 'The Politics of Secularism and the Recovery of Religious Toleration' in Rajeev Bhargava (ed.), Secularism and Its Critics, 321-44 Delhi: Oxford University Press.
4. Phillips, Anne (1995), The Politics of Presence. Oxford: Clarendon Press, 1995.

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA – 8

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SYLLABUS

Course Title: Rural Women Empowerment

Course Code: 22CERSLWE1

No. of Hours: 30 Hrs.

Credits: 1

Objectives

- To apply academic skills and knowledge to address real-life needs in community.
- To boost the status of women through literacy, innovative initiatives and awareness creation
- To enhance community engagement skills and data analysis skills.

Course Outcomes

CO1: Describe the concept of Service Learning and identify the needs of selected community.

CO2: Enhance to think critically, identify their strength and take conscious, informed decision

CO3: Develop greater competence, flexibility and adaptability in working with the community and recognize suitable solutions for the future.

UNIT-I: Introduction

(10 Hrs.)

Service Learning - Meaning - Concept - Importance - Principles - Ethical Concerns - Identification of Community - Need Analysis.

Activity

1. Introduce the concept of Service Learning through a case study/ role play/ animation/graphical representation etc.
2. Need-based analysis in a selected community through observations.
3. Identify the target group.

UNIT-II: Literacy, Health and Entrepreneurship of Women

(10 Hrs.)

Literacy and Health issues- Govt. Schemes for Girls' Education, Health Schemes for Women. Women and Entrepreneurship – SHGs - social security. Schemes for the development of women entrepreneurship.

Activity

1. Discuss the conditions that affect Education, health and Entrepreneurship.
2. Prepare a plan to analyse the issues.
3. Use different techniques to collect data.

UNIT-III: Community Engagement & Analysis of Data

(10 Hrs.)

Engage with Community – Propose solutions for the need - Analysis of data
– Reflection on Experiences – Create Awareness.

Activity

1. Analyze the data by using statistical tools.
2. Create awareness and analyze the problems.
3. Reflections and Recommendations.
4. Implement suitable solutions to the issues.
5. Generate a research report.

References / Web links

1. N.I.R.D.: Facets of Rural Development in India
2. Katar Singh: Rural Development: Principles, Policies & Management
3. Misra & Sarma: Problems and prospects of Rural Development in India.
4. Vasant Desai: Rural Development: Issues & Problems.
5. Journals: Kurukshetra, Yojana, Jagruti, Khadi Gramodyog, Journal of R.D.

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA – 8

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SYLLABUS

Course Title: Practice of Human Rights

Course Code: 22CERSLPR1

No. of Hours: 30 Hrs.

Credits: 1

Objectives

- To apply academic skills and knowledge to address real-life needs in community.
- To identify the nature of human rights in the selected community.
- To enhance community engagement skills and data analysis skills.

Course Outcomes

CO1: Describe the concept of Service Learning and identify the needs of selected community.

CO2: Analyse the status of human rights in the selected community.

CO3: Develop greater competence, flexibility and adaptability in working with the community and recognize suitable solutions for the future.

UNIT-I: Introduction

(10 Hrs.)

Service Learning - Meaning - Concept - Importance - Principles - Ethical concerns–Identification of Community - Need Analysis.

Activity

1. Introduce the concept of Service Learning through a case study/ role play/ animation/graphical representation etc.
2. Need-based analysis in a selected community through observations.
3. Identify the target group.

UNIT-II: Societal Issues of Human Rights in India

(10 Hrs.)

Social and Political Issues - underprivileged- women, peasants, laborers, children - environment - civic responsibility - data collection on selected topic - primary/secondary.

Activity

1. Discuss the conditions that affect human rights.
2. Prepare a plan to analyse the issues.
3. Use different techniques to collect data.

UNIT-III: Community Engagement & Analysis of Data

(10 Hrs.)

Engage with Community – Propose solutions for the need - Analysis of data – Reflection on Experiences – Create Awareness.

Activity

1. Analyze the data by using statistical tools.
2. Create awareness and analyze the problems.
3. Reflections and Recommendations.
4. Implement suitable solutions to the issues.
5. Generate a research report.

References / Web links

1. Universal Declaration of Human Rights – UNO
2. Human Rights – Dr.S.K. Kapoor
3. Human Rights – Dr.H.O. Agarwal

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA – 8

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SYLLABUS

**Course Title: Street Foods -
Nutrition & Hygiene**

Course Code: 22CERSLSF1

No. of Hours: 30 Hrs.

Credits: 1

Objectives

- To apply academic skills and knowledge to address real-life needs in the community.
- To understand the hygiene and nutritious status of street foods.
- To enhance community engagement skills and data analysis skills.

Course Outcomes

CO1: Describe the concept of Service Learning and identify the needs of the selected community.

CO2: Analyze the hygiene and nutritious status of the street foods.

CO3: Develop greater competence, flexibility and adaptability in working with the community and recognize suitable solutions for the future.

UNIT-I: Introduction

(10 Hrs.)

Service Learning - Meaning - Concept - Importance - Principles - Ethical concerns–Identification of Community - Need Analysis.

Activity

1. Introduce the concept of Service Learning through a case study/ role play/ animation/graphical representation etc.
2. Need-based analysis in a selected community through observations.
3. Identify the target group.

UNIT-II: Hygiene and nutritional status of street foods

(10 Hrs.)

Street foods – meaning and their varieties – Concept of Nutrition and balanced diet - Importance of hygiene & nutrition in food processing – Food adulteration vs professional ethics in making street foods.

Activity

1. Study of popular street foods through questionnaires.
2. Survey & assessment of nutritional status of the local street foods.
3. Assess the hygiene followed in making street foods by sample survey.

UNIT-III: Community Engagement & Analysis of Data

(10 Hrs.)

Engage with Community – Propose solutions for the need - Analysis of data – Reflection on Experiences – Create Awareness.

Activity

1. Analyze the data by using statistical tools.
2. Create awareness and analyze the problems.
3. Reflections and Recommendations.
4. Implement suitable solutions to the issues.
5. Generate a research report.

Prescribed Text Books:

1. Dr.Jagmohan Negi,Gaurav M.J., Ritushka and Suniti, Food Presentation Techniques (Garnishing and Decoration}, S.Chand & Company Pvt. Ltd. New Delhi. 2013.
2. Rajat Gupta, Nishanth Singh, Ishitha Kirar, Mahesh Kumar Bairwa., Hospitality and Tourism Management, Vikas Publishing House Pvt. Ltd., U.P., 2015.

Reference Books / Web links:

1. Krishna Arora-Theory of Cookery, 2008
2. Denislilicrap, Food & Beverage Service-2006
3. <https://youtu.be/zzdlaZBJuJw>
4. <https://youtu.be/3XNRQZWYIeM>
5. https://youtu.be/skjA9QL0p_E

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA-8

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SYLLABUS

**Course Title: Development of
Human Values**

Course Code: 22CERSLDV1

No. of Hours: 30 Hrs.

Credits: 1

COURSE OBJECTIVES

- To understanding the concept of service learning
- To analyze the educational status of the migrant children
- To illustrate through case-studies the educational interventions for migrants.

COURSE OUTCOMES

CO1: Understand the complex socio-cultural needs of migrant families and their children as they cope to adjust to life.

CO2: Identify Educational systems supporting immigrant children.

CO3: Facilitate students to impact human values and ethic enhancing their civic responsibilities in society.

UNIT - I: Introduction

(10 Hrs.)

Service Learning - Meaning - Concept - Importance - Principles - Ethical Concerns - Identification of Community - Need Analysis.

UNIT - II: Human Values:

(10 Hrs.)

Concepts of migration, kinds of migration, push and pull factors of migration, causes and impact of migration, Problems faced by migrant children - Morals, Values and Ethics- Civic Virtue – Respect for others – Living Peacefully –Caring –Sharing –Honesty -Courage-Cooperation– Commitment – Empathy –Self Confidence Character –Spirituality-Case Study.

UNIT - III: Community Engagement &Analysis of Data

(10 Hrs.)

Engage with Community – Propose solutions for the need - Analysis of data – Reflection on Experiences – Create Awareness.

Activity

1. Analyze the data by using statistical tools.
2. Create awareness and analyze the problems.
3. Reflections and Recommendations.
4. Implement suitable solutions to the issues.
5. Generate a research report.

SKILL BASED ACTIVITIES

Activity

- Introduce the concept of Service Learning through a case study/ role play/ animation/graphical representation etc.
 - Need-based analysis in a selected community through observations.
 - Identify the target group
 - Field visit to the migrant community in Tadepalli.
 - Interaction with migrant community through community dynamics, Krishna District.
 - Imparting the knowledge on human values and ethics to the migrant children.
 - Teaching role play, dance, songs to the migrant children on human values and ethics.
- This course will use several learning formats for meeting course objectives
- Lectures/class demonstrations.
 - PPT, Film presentations.
 - Group discussion, interactive learning, audio and video recordings, role-play, experiential learning and examination
 - Visit to the migrant communities

Reference Books

1. Judith A. Gouwens 2001 is assistant professor of education at Roosevelt University, Chicago, IL. Migrant Education: A Reference Handbook (Contemporary Education Issues) Hardcover – Import, 14 November 2001.
2. S. IrudayaRajan 2020, Handbook of Internal Migration in India, First Edition SAGE Publications Pvt Ltd. India Migration, S. IrudayaRajan 2012 IIMAD, India.

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA-8

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SYLLABUS

**Course Title: Vocational Training for
Development**

**Course Code: 22CERSLED1
Credits: 1**

No. of Hours: 30 Hrs.

Objectives

- To apply academic skills and knowledge to address real-life needs in communities.
- To demonstrate success stories of homemakers-turned-entrepreneurs.
- To enhance community engagement skills and data analytical skills.

Learning Outcomes

CO1: Describe the concept of Service Learning and identify the needs of selected communities.

CO2: Report findings on how vocational skills are empowering economically backward women.

CO3: Develop greater competence, flexibility and adaptability in working with the community and recognise suitable solutions for the future.

UNIT-I: Introduction

(10 Hrs.)

Service Learning - Meaning - Concept - Importance - Principles – Ethical Concerns - Identification of Community - Need Analysis.

Activities

1. Introduce the concept of Service Learning through a case study/role play/ animation/graphical representation etc.
2. Need-based analysis in a selected community through observations.
3. Identify the community.

UNIT-II: Skill training and employment/employability

(10 Hrs.)

Discussing the importance of how education creates an impact on employment opportunities and increases the productivity of homemakers and economically weak women, empowering them to become self-reliant and stimulating entrepreneurship skills among them - Data Collection on selected topic - Primary/Secondary.

Activities

1. Demonstrate the importance of skill-based education.
2. Discuss a plan for revamping vocational skills.
3. Use of different techniques to collect data.

UNIT-III: Community Engagement & Analysis of Data

(10 Hrs.)

Engage with Community - Propose solutions for the need - Analysis of data - Reflection on Experiences - Create Awareness.

Activities

1. Analyse the data by using statistical tools.
2. Create awareness and analyse the problems.
3. Reflections and recommendations.
4. Implement suitable solutions to the issues.
5. Generate a research report.

References/web links

- 1) Vocational Education and Skilling: Changing homemakers to career women
<https://www.indiatoday.in/educationtoday/featureophilia/story/vocational-education-for-women-324692-2016-05-20>
- 2) Impact of skill development programmes of Jan Shikshan Sansthan on the neo-literates in the States of Andhra Pradesh, Tamil Nadu, Karnataka and Kerala.
https://niti.gov.in/planningcommission.gov.in/docs/reports/sereport/ser/ser_impact0609.pdf
- 3) Self-employment opportunities for women - Jan Shikshan Sansthan
<https://www.youtube.com/watch?v=GeMd3SuB-dE>

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA - 8

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SYLLABUS

**Course Title: Energy Conservation
& Sustainability**

**Course Code: 22CERSLEC1
Credits: 1**

No. of Hours: 30 Hrs.

Objectives

- To apply academic skills and knowledge to address real-life needs in community.
- To understand the need of energy conservation for sustainability and promote lamps that conserve energy.
- To enhance community engagement skills and data analysis skills.

Course Outcomes

CO1: Describe the concept of Service Learning and identify the needs of selected community.

CO2: Explain the working principles of electric lamps, their fundamentals, need for energy conservation for sustainability and promotion of lamps that conserve energy.

CO3: Develop greater competence, flexibility and adaptability in working with the community and recognize suitable solutions for the future.

UNIT-I: Introduction to service Learning (10 Hrs.)

Service Learning - Meaning - Concept - Importance - Principles - Ethical Concerns - Identification of Community - Need Analysis.

Activity

1. Introduce the concept of Service Learning through a case study/ role play/ animation/graphical representation etc.
2. Need-based analysis in a selected community through observations.
3. Identify the target group.

UNIT-II: Electric lamps and Energy conservation (10 Hrs.)

Types of lamps, lamps in series and parallel, simple problems, wattage, power rating, energy conservation vs. energy efficiency, comparison of conventional and modern electric lamps, energy costs, ways to save energy at home.

Activity

Voltage–current characteristics of incandescent bulbs, CFL lamps and LED bulbs of different wattages and their comparison.

UNIT-III: Community Engagement & Analysis of Data

(10 Hrs.)

Engage with Community – Propose solutions for the need - Analysis of data –
Reflection on Experiences – Create Awareness.

Activity

1. Analyze the data by using statistical tools.
2. Create awareness and analyze the problems.
3. Reflections and Recommendations.
4. Implement suitable solutions to the issues.
5. Generate a research report.

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA – 8

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SYLLABUS

Course Title: Water Quality Analysis

Course Code: 22CERSLWA1

No. of hours: 30 Hrs

Credits: 1

Objectives

- To apply academic skills and knowledge to address real-life needs in communities.
- To understand water consumption and management strategies and study procedures for water quality analysis parameters.

Course Outcomes

CO1: Describe the concept of Service Learning and identify the needs of selected community.

CO2: Outline water consumption and management strategies and analyse the water quality parameters.

CO3: Develop greater competence, flexibility and adaptability in working with the community and recognize suitable solutions for the future.

UNIT - I: Introduction

(10 Hrs.)

Service Learning- Meaning- Concept – Importance - Principles – Ethical concerns –Introduction of Selected Community - Need Identification.

Activity

1. Introduce the concept of service learning through a case study / role play / animation / graphical representation etc.
2. Need based analysis in a selected community through observations.
3. Identify the target group.

UNIT - II: Water pollution

(10 Hrs.)

1. **Water pollution** – Sources, causes and effects.
2. **Water consumption and management-** Rain water harvesting, ground water recharge, Recycling waste water(STP system) - grey water and sewage water treatment.
3. **Water quality analysis**
BIS, WHO, ISO standards for drinking Water, Water quality analysis Parameters (physical, chemical & biological) – colour, turbidity, total dissolved solids, conductivity, acidity, alkalinity, hardness. Determination Methods for DO (Winkler's Method), BOD, COD.

Activity

1. Survey on extent of water pollution / water conservation practices in the selected community.
2. Determination of water quality parameters of water samples from different localities.

UNIT - III: Community engagement & analysis of data**(10 Hrs.)**

Identify suitable solutions – Engage with Community – Create awareness – Analysis of data

Activity

1. Analyze the data by using statistical tools.
2. Create awareness and analyze the problems.
3. Recommend and implement suitable solutions to the issues.
4. Generate a research report

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA-8

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SYLLABUS

Course Title: E-Literacy

No. of Hours: 30

Course Code: 22CERSLEL1

Credits: 1

Objectives

- To apply academic skills and knowledge to address real-life needs in communities.
- To identify different issues related to the usage of technology.
- To enhance community engagement skills and data analysis skills.

Course Outcomes

CO1: Describe the concept of Service Learning and identify the needs of selected communities.

CO2: Resolve issues related to e-mail, e-payments and security.

CO3: Develop greater competence, flexibility and adaptability in working with the community and recognize suitable solutions for the future.

Unit – I

(10 Hrs.)

Introduction:

Service Learning - Meaning - Concept - Importance - Principles - Ethical concerns - Introduction of Selected Community - Need Identification.

Activity

1. Introduce the concept of Service Learning through a case study/ role play/ animation/graphical representation etc.
2. Need-based analysis in a selected community through observations.
3. Identify the target group.

Unit – II

(10 Hrs.)

Digital Environment:

Internet Fundamentals- Email creation, browsing, Usage, Security

Online payments- Unified Payments Interface (UPI)-Services- Limitations and threats.

Activity

1. Discuss the issues in e-mail creation, e-payments and security.
2. Prepare a plan to analyse the issues.
3. Use different techniques to resolve the problems.

Unit – III

(10 Hrs.)

Community Engagement & Analysis of Data:

Identify suitable solutions - Engage with Community - Create awareness - Analysis of data.

Activity

1. Analysis the data by using statistical tools.
2. Create awareness and analyse the problems.
3. Recommend and implement suitable solutions to the issues.
4. Generate a research report.

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA – 8

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SYLLABUS

Course Title: Basic Statistical Tools

Course Code: 22CERSLST1

No. of Hours: 30

Credits: 1

Objectives

- To apply academic skills and knowledge to address real-life needs in community.
- To identify and analyze the women & child related issues in the selected community.
- To give experiential opportunities to the students to learn real world contexts and develop skills of community engagement

Course outcomes

CO1: Describe the concept of Service learning to the needs of selected community.

CO2: Analyze the issues related to women and children of the society by using different statistical tools.

CO3: To develop civic engagement skills by enhancing their group, organizational and interpersonal skills

UNIT-I: Introduction

(10 Hrs.)

Service Learning - Meaning - Concept - Importance - Principles - Ethical Concerns - Identification of Community - Need Analysis.

Activities

1. Introduce the concept of Service Learning through a case study/ role play/ animation/graphical representation etc.
2. Need-based analysis in a selected community through observations.
3. Identify the target group.

UNIT-II: Statistical Tools

(10Hrs.)

Data collection on the selected issues- representation using Bar, Pie.

Calculation of average and variation values of the selected communities.

Finding the correlation of problems and testing the data by using different hypothesis tests.

Activities

1. Meeting the target group
2. Data collection & applying suitable Statistical methods

UNIT-III: Community Engagement & Analysis of Data (10 Hrs.)

Engage with Community – Propose solutions for the need - Analysis of data – Reflection on Experiences – Create Awareness.

Activities

1. Analyze the data by using statistical tools.
2. Create awareness and analyze the problems.
3. Reflections and Recommendations.
4. Implement suitable solutions to the issues.
5. Generate a research report.

References / Web links

MARIS STELLA (AUTONOMOUS) COLLEGE VIJAYAWADA-8

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SYLLABUS

Course Title: Kitchen & Terrace Gardening Course Code: 22CERSLKT1

No. of Hours: 30 Hrs.

Credits: 1

Objectives

- To apply academic skills and knowledge to address real-life needs in communities.
- To learn the kitchen & Terrace gardening for selected community.
- To enhance community engagement skills and data analysis skills.

Learning Outcomes

CO1: Describe the concept of Service Learning and identify the needs of selected communities.

CO2: Design the kitchen and terrace gardens in minimal place at homes

CO3: Develop greater competence, flexibility and adaptability in working with the community and recognize suitable solutions for the future.

UNIT - I: Introduction

(10 Hours)

1. Service Learning - Meaning - Concept - Importance - Principles - Ethical concerns - Introduction of Selected Community - Need Identification.

Activity

1. Introduce the concept of Service Learning through a case study/ role play/ animation/graphical representation etc.
2. Need-based analysis in a selected community through observations.
3. Identify the target group.

UNIT – II: Applications of Kitchen gardening & Terrace gardening

(10 Hrs.)

Applications of kitchen garden. Preparation of saplings. Packing and storage of saplings. Horticulture crops for terrace gardening.

Activity

1. Identify the places suitable for kitchen and terrace gardening
2. Prepare a plan for the production of saplings
3. Use the common nursery techniques

UNIT - III: Community Engagement & Analysis of Data

(10 Hours)

Identify suitable solutions - Engage with Community - Create awareness - Analysis of data.

Activity

1. Analyse the data by using statistical tools.
2. Create awareness and analyse the problems.
3. Recommend and implement suitable solutions to the issues.
4. Generate a research report.

Reference Books

1. Elzer Peters Katie (2018); No Waste Kitchen gardening, Cool Springs Press.
2. Bird Richard (2015); Kitchen gardens, Anness Publishing.
3. Pramila Mehra (2019); Teach yourself gardening.

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA – 8

(Affiliated to Krishna University, Machilipatnam)

SYLLABUS

Course Title: Civic Health on Communicable Infections **Course Code: 22CERSLC11**
Credits: 1

No. of Hours: 30

Objectives:

- To provide students with opportunities to develop civic engagement skills by working with community members.
- To enhance their group interactions, organizational and interpersonal skills and gain important experience working with diverse members of their communities.

Course outcomes:

CO1: Discuss the concept of parasitism, animal associations and characteristics of hosts.

CO2: Illustrate major types of Protozoan and Helminthic Parasitic infections.

CO3: Analyze the major means of transmission of parasites and adaptive strategies.

UNIT - I:

5 hrs

Introduction to Parasitology: Parasites and Diseases- Communicable and Non-Communicable diseases, Resistance of hosts to parasitic infections. Immunity against parasitic infections and eradication Programmes, Standardized Nomenclature of Animal Parasitic Diseases (SNOAPAD).

UNIT - II:

5 hrs

General description of Protozoan parasites affecting humans, Study of Morphology, Life Cycle, Prevalence, Epidemiology, Pathogenicity, Diagnosis, Prophylaxis and Treatment of Entamoeba, Plasmodium, Study of mosquito-borne diseases – Malaria, Dengue, Chikungunya.

UNIT - III

5 hrs

General description of Helminthes parasites affecting humans, Study of Morphology, Life Cycle, Prevalence, Epidemiology, Pathogenicity, Diagnosis, Prophylaxis and Treatment of Taenia, Enterobius and Filarial worm in relation to mode of transmission.

Skill development:

15 hrs

- Survey on Communicable Epidemics
- Field visit to local rural areas

Reference Text Books:

1. A Text book of Non-chordates - P.S. Verma & V K Agarwal
2. Parasitology - Saras publications: Arumugam

MARIS STELLA (AUTONOMOUS) COLLEGE VIJAYAWADA-8

(Affiliated to Krishna University, Machilipatnam)

SYLLABUS

Course Title: Liquid Bio Fertilizers

Course Code: 22CERSLLB1

No. of Hours: 30 Hrs.

Credits: 1

Objectives

- To apply academic skills and knowledge to address real-life needs in communities.
- To learn the preparation of liquid bio fertilizers from bacteria and fungi in the selected community.
- To enhance community engagement skills and data analysis skills.

Learning Outcomes

CO1: Describe the concept of Service Learning and identify the needs of selected communities.

CO2: Summarize the basic requirements for the preparation of liquid bio fertilizers

CO3: Develop greater competence, flexibility and adaptability in working with the community and recognize suitable solutions for the future.

UNIT - I: Introduction

(10 Hours)

1. Service Learning - Meaning - Concept - Importance - Principles - Ethical concerns - Introduction of Selected Community - Need Identification.

Activity

1. Introduce the concept of Service Learning through a case study/ role play/ animation/graphical representation etc.
2. Need-based analysis in a selected community through observations.
3. Identify the target group.

UNIT - II: Preparation of liquid media for bacteria & Fungi

(10 Hours)

Preparation of media for the production of bacteria and fungi. Preparation of liquid fertilizers from bacteria and fungi. Applications of liquid fertilizers to the target community.

Activity

1. Awareness on importance of liquid fertilizers to the target community.
2. Prepare a plan to analyze the issues on fertilizers
3. Introduce the different techniques to get the more production

UNIT - III: Community Engagement & Analysis of Data (10 Hours)

Identify suitable solutions - Engage with Community - Create awareness - Analysis of data.

Activity

1. Analyse the data by using statistical tools.
2. Create awareness and analyse the problems.
3. Recommend and implement suitable solutions to the issues.
4. Generate a research report.

Reference Books

1. Soniya singh, Jolly Chauhan (2018), Walnut Publication.
2. K. Kannaiyan (2002), Biotechnology of Biofertilizers, Springer.

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA – 8

(Affiliated to Krishna University, Machilipatnam)

SYLLABUS

Course Title: Public Health in Nutrition

Course Code: 22CERSLHN1

No. of Hours: 30 Hrs.

Credits: 1

Objectives

- To apply academic skills and knowledge to address real-life needs in community.
- To identify the health and nutritional status of the people in the selected community.
- To enhance community engagement skills and data analysis skills.

Course Outcomes

CO1: Describe the concept of Service Learning and identify the needs of selected community.

CO2: Analyse the Nutritional status of the population by using Assessment methods.

CO3: Develop greater competence, flexibility and adaptability in working with the community and recognize suitable solutions for the future.

UNIT-I: Introduction

(10 Hrs.)

Service Learning - Meaning - Concept - Importance - Principles - Ethical Concerns - Identification of Community - Need Analysis.

Activity

1. Introduce the concept of Service Learning through a case study/ role play/ animation/graphical representation etc.
2. Need-based analysis in a selected community through observations.
3. Identify the target group.

UNIT-II

(10 Hrs.)

Definitions – Health, Community, family, village and block, Nutrition.

Malnutrition- Under nutrition and over nutrition, balanced diet.

Causes of Malnutrition-Factors contributing to malnutrition in the community- habits, customs and practices, availability of food, Socio-economic factors.

Nutrition related problems prevalent in India- Anaemia, Vitamin A deficiency, B-complex deficiency, Lathyrism, Thyroid

Activity

1. Field visit to PHC, ICDS, MDM, NGOs (AIDS welfare).
2. Performance of food adulteration.

UNIT-III: Community Engagement & Analysis of Data

(10 Hrs.)

Engage with Community – Propose solutions for the need - Analysis of data – Reflection on Experiences – Create Awareness.

Activity

1. Analyze the data by using statistical tools.
2. Create awareness and analyze the problems.
3. Reflections and Recommendations.
4. Implement suitable solutions to the issues.
5. Generate a research report.

References / Web links

1. Derrick. B. Jelliffe (1966), The assessment of the nutritional status of the community (With special reference to field surveys in developing regions of the World). World Health Organization, Geneva
2. Bamji M. S, Prahlad Rao N. & Vinodini reddy (2003). Text book of Human Nutrition (p-p 197-201), New Delhi. Oxford & IBH Publishing Co. PVT. LTD.
3. Srilakshmi.B (2005). Nutrition Science (pp 3-14), New Delhi. New Age International (P) Limited.

MARIS STELLA (AUTONOMOUS) COLLEGE VIJAYAWADA-8

(Affiliated to Krishna University, Machilipatnam)

SYLLABUS

Course Title: Contagious Diseases

Course Code: 22CERSLCD1

No. of Hours: 30 Hrs.

Credits: 1

Objectives

- To apply academic skills and knowledge to address real-life needs in communities.
- To identify the communicable diseases in selected communities.
- To enhance community engagement skills and data analysis skills.

Learning Outcomes

CO1: Describe the concept of Service Learning and identify the needs of selected communities.

CO2: Understand the cause of bacterial and fungal diseases in selected community

CO3: Develop greater competence, flexibility and adaptability in working with the community and recognize suitable solutions for the future.

UNIT - I: Introduction

(10 Hrs.)

1. Service Learning - Meaning - Concept - Importance - Principles - Ethical concerns - Introduction of Selected Community - Need Identification.

Activity

1. Introduce the concept of Service Learning through a case study/ role play/ animation/graphical representation etc.
2. Need-based analysis in a selected community through observations.
3. Identify the target group.

UNIT - II: Microbial diseases

(10 Hrs.)

Introduction to bacterial, fungal and viral diseases. Epidemiology, Symptoms, Diagnosis, treatment and prevention of communicable diseases.

Activity

1. Identify the area with frequent communicable diseases
2. Create awareness on Chickenpox, flu and Corona virus in the community
3. Awareness programmes on vaccination in the community

UNIT - III: Community Engagement & Analysis of Data

(10 Hrs.)

Identify suitable solutions - Engage with Community - Create awareness - Analysis of data.

Activity

1. Analyze the data by using statistical tools.
2. Create awareness and analyze the problems.
3. Recommend and implement suitable solutions to the issues.
4. Generate a research report.

Reference Books

1. Schlaich, C.C., Oldenburg, M. and Lamshöft, M.M., (2009). Estimating the risk of communicable diseases aboard cargo ships. *Journal of travel medicine*, 16(6), pp.402-406.
2. Farrar, J., Hotez, P., Junghanss, T., Kang, G., Lalloo, D. and White, N.J., (2013). *Manson's Tropical Diseases E-Book*. Elsevier health sciences.
3. Kassa, M. and Grace, J., (2019). The global burden and perspectives on non-communicable diseases (NCDs) and the prevention, data availability and systems approach of NCDs in low-resource countries. In *Public Health in Developing Countries-Challenges and Opportunities*. IntechOpen.
4. Webber, R., (2019). *Communicable diseases: a global perspective*. Cabi.

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA

(Affiliated to Krishna University, Machilipatnam)

SYLLABUS

Course Title: Diabetes Education

Course Code: 22CERSLDE1

No. of Hours: 30 Hrs.

Credits: 1

Objectives

- To apply academic skills and knowledge to address real- life needs in community.
- To create awareness of diabetes and the available treatments.
- To enhance community engagement skills and data analysis skills

Course Outcomes

CO1: Describe the concept of Service- Learning and identify the needs of selected community.

CO2: Impart knowledge of diabetes and analyse the psychosocial health of diabetes to the community.

CO3: Develop greater competence, flexibility, and adaptability in working with the community and recognize suitable solutions for the future.

UNIT-I: Introduction

(10 Hrs.)

Service Learning - Meaning - Concept - Importance - Principles - Ethical Concerns - Identification of Community - Need Analysis.

Activity

1. Introduce the concept of Service Learning through a case study/ role play/ animation/graphical representation etc.
2. Need-based analysis in a selected community through observations.
3. Identify the target group.

UNIT-II: Diabetes management and healthcare

(10 Hrs.)

Introduction to Prediabetes, Diabetes and Classification, the pathophysiology of diabetes. Complications related to diabetes. Diagnostic and predisposition tests for Diabetes. Keeping diabetes under check, recommended targets for blood glucose levels. Importance of Insulin resistance and lifestyle intervention in the management of diabetes, practices/ strategies to reduce the chance of developing type 2 diabetes from the prediabetic condition.

Activity

1. Discuss the Potential risk factors for diabetes and its progression to Complications.
2. Collection of socio epidemiological data.
3. Identification of diabetic population through analysis of collected data.

UNIT-III: Community Engagement & Analysis of Data

(10 Hrs.)

Engage with Community – Propose solutions for the need - Analysis of data – Reflection on Experiences – Create Awareness.

Activity

1. Analyze the data by using statistical tools.
2. Create awareness and analyze the problems.
3. Reflections and Recommendations.
4. Implement suitable solutions to the issues.
5. Generate a research report.

References / Web links

1. <https://www.cdc.gov/diabetes/basics/diabetes.html>
2. <https://idf.org/>
3. How to Manage Your Diabetes and Lead a Normal Life, Manthappa M

MARIS STELLA COLLEGE (AUTONOMOUS) VIJAYAWADA-8

(Affiliated to Krishna University Machilipatnam)

SYLLABUS

Course Title: Unorganized Retailing

Course Code: 22CERSLUR1

No. of Hours: 30 Hrs.

Credit: 1

Objectives

- To apply academic skills and knowledge to address real- life needs in community.
- To identify the different issues encountered by the unorganized retailing in the selected community.
- To enhance community engagement skills and data analysis skills.

Course Outcomes

CO1: Describe the concept of Service Learning and identify the needs of selected community.

CO2: Understand and analyse the various challenges faced by the owners and employees in the unorganized retailing.

CO3: Develop greater competence, flexibility and adaptability in working with the community and recognize suitable solutions for the future.

UNIT-I: Introduction

(10 Hrs.)

Service Learning - Meaning - Concept - Importance - Principles - Ethical Concerns - Identification of Community - Need Analysis.

Activity

1. Introduce the concept of Service Learning through a case study/ role play/ animation/ graphical representation etc.
2. Need-based analysis in a selected community through observations.
3. Identify the target group.

UNIT-II: Introduction to Retailing

(10 Hrs.)

Concept, Meaning, Definition, Characteristics, Nature, Importance of Retailing and unorganized retailing. Factors Influencing Retailing, Functions of Retailing, and Developing and applying Retail Strategy, Classification of retail management. Retailing in India, Emerging trends in Retailing.

Activity

1. Preparation of Questionnaires,
2. Data Collection

UNIT-III: Community Engagement & Analysis of Data

(10 Hrs.)

Engage with Community – Propose solutions for the need - Analysis of data – Reflection on Experiences – Create Awareness.

Activity

1. Analyze the data by using statistical tools.
2. Create awareness and analyze the problems.
3. Reflections and Recommendations.
4. Implement suitable solutions to the issues.
5. Generate a research report.

Service Learning Component

1. Patamata community is identified as a potential area as there are many unorganised retail outlets and closer to the college.
2. Prepare two different questionnaires and administer to departmental stores owners and employees.
3. Approach at least 30 departmental stores / kirana stores and administer the questionnaire.
4. Analyse data and suggest suitable solutions to create awareness with in the selected community
5. prepare a report.

Reference Books

1. Levy & Weitz, Retail Management, TMH, 2012.
2. Swapana Pradhan, Retailing Management, TMH, 2012
3. Dravid Gilbert, Retail Marketing Management, Pearson Education.
4. A. J. Lamba, The Art of Retailing, Mc GrawHill.
5. Barry Berman, Joel R. Evans, Retail Management: A Strategic Approach, Pearson.
6. S. L Gupta, Sales and Retail Management: An Indian Perspective, 2007, Excel Books.
7. Rosemary Varley, Mohammed Rafiq, Principles of Retail Management, Palgrave Macmillan, 2009.
8. Chetanbajaj, Retail Management, Oxford University Press.
9. Sinha, Piyush Kumar and Uniyal, managing Retailing, Oxford University Press 2010.