

**DON BOSCO ARTS & SCIENCE COLLEGE**  
**ANGADIKADAVU**  
*(Affiliated to Kannur University Approved by Government  
of Kerala)*  
**ANGADIKADAVU P.O., IRITTY, KANNUR – 670706**



**COURSE PLAN**

**BSc Psychology (2022 – 25)**

**SEMESTER -I**

**ACADEMIC YEAR- (2022-23)**

**I Semester BSc Psychology (2022 - 25)**

SL. No.	Name of Subjects with Code	Name of the Teacher	Duty Hours per week
1.	1A 02 ENG - Readings on Kerala	Jisha E.	3
2.	1A01ENG- communicative English	Amala Antony	5
3.	1A07HIN- Hindi Kavitha	Jainy N George	4
4.	1A07MAL- □□□□□□□□□□	Rajisha C K	
5.	Basics of psychology		
6.	1B 02 PSY- Self development practices practical 1	Manjith R	2
7.	1C01PSY- Elements of human physiology (complementary elective)	Keerthana Sivan V K	4
8.	1C01 STA(G&P)- Complementary elective (statistics)	Varsha C	4
	<b>Name of Class Incharge:</b>	Keerthana Sivan V K	

Day	09.50 Am - 10.45 Am	10.45 Am -11.40 Am	11.55 Am - 12.50 Pm	01.40 Pm - 02.35 Pm	02.35 Pm - 03.30 Pm
1	Rajisha/ Jainy	Varsha	Amala	Sonu	Jisha
2	Amala	Varsha	Rajisha/Jainy	Sonu	Keerthana
3	Jisha	Varsha	Keerthana	Rajisha/Jainy	Amala
4	Manjith	Jisha	Amala	Keerthana	Rajisha/Jainy
5	Sonu	Keerthana	Jisha	Varsha	Amala

<b>Subject Code:</b>	<b>1A 02 ENG</b>
<b>Subject Name:</b>	<b>READINGS ON KERALA</b>
<b>No. of Credits:</b>	<b>3</b>
<b>No. of Contact Hours:</b>	<b>72</b>
<b>Hours per Week:</b>	<b>4</b>
<b>Name of the Teacher:</b>	<b>Jisha E.</b>

## **Syllabus**

### **MODULE I**

1. “A CONVERSATION THAT SPREADS LIGHT : SREE NARAYANA GURU” – PROF. M K SANU
2. “CURING CASTE” – SAHODARAN AYYAPPAN
3. “ERI” – PRADEEPAN PAMPIRIKKUNNU
4. “KELU” – N SASIDHARAN & E P RAJAGOPALAN
5. “PARTING FROM THE PATH OF LIFE” - CHERUKAD

### **MODULE II**

1. “THE KUTTIPPURAM BRIDGE” – EDASSERY GOVINDAN NAIR
2. “ABOUT MY RACE : A SONG” – POYKAYIL APPACHAN
3. “COURAGEOUS ACT”- ANASUYA MENON
4. “VAIKOM SATYAGRAHA: ASTRUGGLE AGAINST UNTOUCHABILITY” – K N PANIKKAR
5. “THE VOICE” - SURESH MENON

## TEACHING SCHEDULE

No of Weeks	Dates	Session	Topic
1	29-08-2022 To 03-09-2022	1	Syllabus Introduction
		2	Introduction To Kerala Renaissance And Leaders
		3	Introduction To Sree Narayana Guru And His Teachings
		4	Discussion On “A Conversation That Spreads Light : Sree Narayana Guru” – Prof. M K Sanu
2	05-09-2022 To 10-09-2022		<b>Onam Holidays</b>
			<b>Onam Holidays</b>
			<b>Onam Holidays</b>
			<b>Onam Holidays</b>
			<b>Onam Holidays</b>
3	12-09-2022 To 17-09-2022	5	Discussion On “A Conversation That Spreads Light : Sree Narayana Guru” – Prof. M K Sanu
		6	Discussion On “A Conversation That Spreads Light : Sree Narayana Guru” – Prof. M K Sanu
		7	Examination
		8	Class Presentation
4	19-09-2022 To 24-09-2022	9	Discussion On “Curing Caste” – Sahodaran Ayyappan
		10	Discussion On “Curing Caste” – Sahodaran Ayyappan
		21September	<b>Sree Narayana Samadhi</b>
		11	Discussion On “Curing Caste” – Sahodaran Ayyappan
		12	Examination
5	26-09-2022	13	Class Presentation

No of Weeks	Dates	Session	Topic
	To 01-10-2022	14	Class Presentation
		15	Discussion On “Eri” – Pradeepan Pampirikkunnu
		16	Discussion On “Eri” – Pradeepan Pampirikkunnu
6	03-10-2022 To 08-10-2022	17	Discussion On “Eri” – Pradeepan Pampirikkunnu
		4 October	Mahanavami
		05 October	Vijayadasami
		18	Discussion On “Eri” – Pradeepan Pampirikkunnu
		19	Examination
		08 October	Miladi-Sherif
7	10-10-2022 To 15-10-2022	20	Discussion On Kelu” – N Sasidharan & E P Rajagopalan
		21	Discussion On Kelu” – N Sasidharan & E P Rajagopalan
		22	Discussion On Kelu” – N Sasidharan & E P Rajagopalan
		23	Revision
8	17-10-2022 To 22-10-2022	24	I Internal Examination
		25	I Internal Examination
		26	I Internal Examination
		27	I Internal Examination
		28	I Internal Examination
		29	I Internal Examination
9	24-10-2022 To 29-10-2022	24 October	Divali
		30	Class Presentation
		31	Class Presentation
		32	Class Presentation
		33	Discussion On Kelu” – N Sasidharan & E P Rajagopalan
10	31-10-2022	34	Discussion On Kelu” – N Sasidharan & E P

No of Weeks	Dates	Session	Topic
	To 05-11-2022		<b>Rajagopalan</b>
		35	<b>Discussion On Kelu” – N Sasidharan &amp; E P Rajagopalan</b>
		36	<b>Class Presentation</b>
		37	<b>Examination</b>
		38	<b>Discussion On “Parting From The Path Of Life” - Cherukad</b>
		39	<b>Discussion On “Parting From The Path Of Life” - Cherukad</b>
<b>11</b>	07-11-2022 To 12-11-2022	40	<b>Discussion On “The Kuttippuram Bridge” – Edassery Govindan Nair</b>
		41	<b>Discussion On “The Kuttippuram Bridge” – Edassery Govindan Nair</b>
		42	<b>Class Presentation</b>
		43	<b>Class Presentation</b>
		44	<b>Discussion On “About My Race : A Song” – Poykayil Appachan</b>
		45	<b>Discussion On “About My Race : A Song” – Poykayil Appachan</b>
<b>12</b>	14-11-2022 To 19-11-2022	46	<b>Discussion On “Vaikom Satyagraha: Astruggle Against Untouchability” – K N Panikkar</b>
		47	<b>Discussion On “Vaikom Satyagraha: Astruggle Against Untouchability” – K N Panikkar</b>
		48	<b>Discussion On “Vaikom Satyagraha: Astruggle Against Untouchability” – K N Panikkar</b>
		49	<b>Discussion On “Vaikom Satyagraha: Astruggle Against Untouchability” – K N Panikkar</b>
<b>13</b>	21-11-2022 To 26-11-2022	50	<b>Discussion On “Vaikom Satyagraha: Astruggle Against Untouchability” – K N Panikkar</b>
		51	<b>Class Presentation</b>

No of Weeks	Dates	Session	Topic
		52	Class Presentation
		53	Examination
14	18-11-2022 To 03-12-2022	54	Discussion On “Courageous Act”- Anasuya Menon
		55	Discussion On “Courageous Act”- Anasuya Menon
		56	Discussion On “Courageous Act”- Anasuya Menon
		57	Class Presentation
		58	Class Presentation
15	05-12-2022 To 10-12-2022	59	Discussion On “The Voice” - Suresh Menon
		60	Discussion On “The Voice” - Suresh Menon
		61	Discussion On “The Voice” - Suresh Menon
		62	Examination
		10 December	Second Saturday
16	12-12-2022 To 17-12-2022	63	Class Prsentation
		64	Class Presentation
		65	Revision
		66	Revision
		67	Revision
17	19-12-2022 To 24-12-2022	68	II Internal Examinations
		69	II Internal Examinations
		70	II Internal Examinations
		71	II Internal Examinations
		72	II Internal Examinations
		24 December	Christmas Holidays

<b>Subject Code:</b>	<b>1A01ENG</b>
<b>Subject Name:</b>	<b>Communicative English</b>
<b>No. of Credits:</b>	<b>4</b>
<b>No. of Contact Hours:</b>	<b>90</b>
<b>Hours per Week:</b>	<b>5</b>
<b>Name of the Teacher:</b>	<b>Amala Antony</b>

### **Course Outcomes**

1. Understand and apply the rubrics of English grammar
2. Recognize and apply the basic patterns in English vocabulary
3. Read and elicit data, information, inferences and interpretations based on a given material in English
4. Develop the ability to speak in English in real life situations
5. Elicit necessary information after listening to an audio material in English
6. Compose academic and non-academic writings including letters, paragraphs and essays on a given topic and CV's for specific purposes

### **Content Specifications**

**Module 1** (Grammar and Usage)- 2 Hours/Week

#### **Grammar**

Articles, Modals, Tenses, Voices, Subject- Verb Agreement, Direct & Reported Speech

#### **Usage**

Question Tags, Types of Words, Phrasal Verbs and Idiomatic Expressions.

**Module 2** (Listening and Speaking) -2 Hours/Week

#### **Listening**

What is Communication?, Phonemes in English, Syllables and Word Stress, Listening to News Bulletins, Listening to Instructions and Directions, Listening to Lectures, Listening to Speeches

#### **Speaking**



Greetings and Introductions, Small Conversations, Talking on Telephone, Making Requests, Making Enquiries, Making Suggestions, Expressing Gratitude, Complaining.

**Module 3** (Reading and Writing)- 1 Hour/Week

**Reading**

Reading Official Letters and Profiles, Reading Advertisements, Reading News Reports, Reading Charts, Reading Online Content.

**Writing**

Writing Paragraphs, Taking and Making Notes, Essay and Academic Writing, Writing Letters, Writing Resumes

**TEACHING SCHEDULE**

No of Weeks	Dates	Session	Topic
1	29-08-2022 To 03-09-2022	1	Articles
		2	Articles
		3	Articles
		4	Modals
		5	Modals
		6	Modals
2	05-09-2022 To 10-09-2022		Onam Holidays
			Onam Holidays
			Onam Holidays
			Onam Holidays
			Onam Holidays
3	12-09-2022 To 17-09-2022	7	<b>Class Test</b>
		8	Tenses
		9	Tenses
		10	Tenses

No of Weeks	Dates	Session	Topic
		11	Tenses
		12	Tenses
4	19-09-2022 To 24-09-2022	13	<b>Class Test</b>
		14	Voices
		21 September	Sree Narayana Samadhi
		15	Voices
		16	Voices
		17	Voices
		18	Voices
5	26-09-2022 To 01-10-2022	19	Subject Verb Agreement
		20	Subject Verb Agreement
		21	Subject Verb Agreement
		22	<b>Class Test</b>
		23	Direct and Reported Speech
		24	Direct and Reported Speech
6	03-10-2022 To 08-10-2022	25	Direct and Reported Speech
		4 October	Mahanavami
		05 October	Vijayadasami
		26	Direct and Reported Speech
		27	Direct and Reported Speech
		08 October	Miladi-Sherif
7	10-10-2022 To 15-10-2022	28	Question Tags
		29	Question Tags
		30	Question Tags
		31	Question Tags
		32	Question Tags
		33	<b>Class Test</b>
8	17-10-2022 To	34	I Internal Examination
		35	I Internal Examination

No of Weeks	Dates	Session	Topic
	22-10-2022	36	I Internal Examination
		37	I Internal Examination
		38	I Internal Examination
		39	I Internal Examination
9	24-10-2022 To 29-10-2022	24 October	Divali
		40	Types of words
		41	Types of words
		42	Types of words
		43	Types of words
		44	Types of words
10	31-10-2022 To 05-11-2022	45	Phrasal Verbs and idiomatic expressions
		46	Phrasal Verbs and idiomatic expressions
		47	Phrasal Verbs and idiomatic expressions
		48	Phrasal verbs and idiomatic expressions
		49	<b>Class test</b>
		50	Reading Official Letters and Profiles
11	07-11-2022 To 12-11-2022	51	Reading Official Letters and Profiles
		52	Reading Official Letters and Profiles
		53	Reading Advertisements
		54	Reading Advertisements
		55	Writing Paragraphs
		56	Writing Paragraphs
12	14-11-2022 To 19-11-2022	57	Writing Paragraphs
		58	Taking and Making Notes
		59	Taking and Making Notes
		60	Taking and Making Notes
		61	<b>Class test</b>
		62	Essay and Academic Writing
13	21-11-2022	63	Essay and Academic Writing

No of Weeks	Dates	Session	Topic
	To 26-11-2022	64	Essay and Academic Writing
		65	Essay and Academic Writing
		66	Letter Writing
		67	Letter Writing
		68	Letter Writing
14	18-11-2022 To 03-12-2022	69	Writing Resumes
		70	Writing Resumes
		71	Writing Resumes
		72	Writing Resumes
		73	<b>Class test</b>
		74	Phonemes in English
15	05-12-2022 To 10-12-2022	75	Phonemes in English
		76	Phonemes in English
		77	Syllables and stress
		78	Syllables and stress
		79	Making Enquiries, requests and suggestions
		10 December	Second Saturday
16	12-12-2022 To 17-12-2022	80	Making Enquiries, requests and suggestions
		81	Greetings and introduction
		82	Greetings and introduction
		83	<b>Revision</b>
		84	<b>Revision</b>
		85	<b>Revision</b>
17	19-12-2022 To 24-12-2022	86	<b>II Internal Examinations</b>
		87	<b>II Internal Examinations</b>
		88	<b>II Internal Examinations</b>
		89	<b>II Internal Examinations</b>
		90	<b>II Internal Examinations</b>
		24 December	<b>Christmas Holidays</b>

<b>Subject Code:</b>	<b>1B 01 PSY</b>
<b>Subject Name:</b>	<b>Basics of Psychology</b>
<b>No. of Credits:</b>	<b>3</b>
<b>No. of Contact Hours:</b>	<b>54</b>
<b>Hours per Week:</b>	<b>3</b>
<b>Name of the Teacher:</b>	<b>Sonu K</b>

### **Syllabus**

#### Unit I: Evolution of Psychology

Psychology- definition, Goals of psychology, Brief history of psychology- structuralism, functionalism, behaviourism, Psychodynamic, Gestalt psychology. Perspectives of psychology- psychodynamic, behavioural, humanistic, cognitive, developmental, sociocultural, biological, and evolutionary. Areas- basic and applied. Major applied areas.

#### Unit II: Psychology as a science

Psychology as a science, Definition and characteristics of scientific research, objectives of research, types of variables, sample and its selection, types of research: descriptive v/s analytical, applied v/s fundamental, quantitative v/s qualitative, conceptual v/s empirical.

Phases in research- ethical concerns in psychological research

#### Unit III: Methods of data collection

Data collection: meaning, types- primary and secondary data. Quantitative and Qualitative data. Methods: experiments, questionnaires and survey, interview- structured, semi structured, in-depth, expert interview, schedule observation- natural, laboratory, participant and non-participant, case study, group discussion, focus group discussion. Advantages and disadvantages of each method. Selection of appropriate method of data collection.

#### Unit IV: Learning



No of Weeks	Dates	Session	Topic
3	12-09-2022 To 17-09-2022	4	Brief history of psychology, structuralism, functionalism
		5	Behaviourism, Psychodynamic, behavioural,
		6	Humanistic, cognitive, developmental
4	19-09-2022 To 24-09-2022	7	Socio-cultural, biological, and evolutionary
		8	Areas- basic and applied. Major applied areas
		21 September	Sree Narayana Samadhi
		9	Unit II: Psychology as a science, Introducing syllabus, Psychology as a science, Definition and characteristics of scientific research.
5	26-09-2022 To 01-10-2022	10	objectives of research, types of variables sample and its selection, types of research: descriptive v/s analytical
		11	applied v/s fundamental, quantitative v/s qualitative, conceptual v/s empirical.
		12	Phases in research- ethical concerns in psychological research
6	03-10-2022 To 08-10-2022	13	Unit III: Methods of data collection, Introducing the chapter, Data collection: meaning, types- primary and secondary data
		4 October	Mahanavami
		05 October	Vijayadasami
		14	Quantitative and Qualitative data. Methods: experiments, questionnaires and survey, interview- structured, semi structured, in-depth, expert interview.
		15	schedule observation- natural, laboratory, participant and non-participant
7	10-10-2022 To 15-10-2022	16	case study, group discussion, focus group discussion, Advantages and disadvantages of each method. Selection of appropriate method of data collection
		17	Unit IV: Learning, Introducing chapter, Concept and

No of Weeks	Dates	Session	Topic
			Definition of learning, learning curve
		18	Classical conditioning- Basic experiment, basic terms- conditioned stimulus, unconditioned stimulus, conditioned response, unconditioned response, stimulus generalization, discrimination, higher order conditioning, extinction, spontaneous recovery
8	17-10-2022 To 22-10-2022	19	I Internal Examination
		20	I Internal Examination
		21	I Internal Examination
		22	I Internal Examination
		23	I Internal Examination
		24	I Internal Examination
9	24-10-2022 To 29-10-2022	24 October	Divali
		25	Pavlovian conditioning procedures: delayed, backward, trace conditioning, Applications. Operant conditioning- Basic experiment, basic terms- reinforcement, punishment
		26	positive and negative reinforcement, and punishment, shaping and chaining, schedules of reinforcement- interval and ratio
		27	Applications. Observational learning. Thorndike and the law of effect
10	31-10-2022 To 05-11-2022	28	Cognitive theories: Kohler- Insight learning, Social learning theory.
		29	Unit V: Memory, Introducing the chapter, Memory: Definition and types
		30	sensory memory, short term memory, long term memory
11	07-11-2022 To 12-11-2022	31	types of long term memory-declarative vs. procedural
		32	Episodic vs. semantic
		33	Encoding, storage and retrieval processes



No of Weeks	Dates	Session	Topic
12	14-11-2022 To 19-11-2022	34	Atkinson and Shiffrin model
		35	Levels of processing view
		36	neural network model
		37	Forgetting – causes, curve
14	18-11-2022 To 03-12-2022	38	theories of forgetting
		39	theories of forgetting
		40	Memory improving techniques
		41	Seminar for unit 1
15	05-12-2022 To 10-12-2022	42	Seminar for unit 2
		43	Seminar for unit 3
		44	Seminar for unit 4
		45	Seminar for unit 5
16	12-12-2022 To 17-12-2022	46	Revision
		47	Revision
		48	Mock test
		49	Revision
17	19-12-2022 To 24-12-2022	50	<b>II Internal Examinations</b>
		51	<b>II Internal Examinations</b>
		52	<b>II Internal Examinations</b>
		53	<b>II Internal Examinations</b>
		54	<b>II Internal Examinations</b>
		24 December	<b>Christmas Holidays</b>

<b>Subject Code:</b>	<b>1B 02 PSY</b>
<b>Subject Name:</b>	<b>SELF DEVELOPMENT PRACTICES- PRACTICAL 1</b>
<b>No. of Credits:</b>	<b>----</b>
<b>No. of Contact Hours:</b>	<b>35</b>
<b>Hours per Week:</b>	<b>2</b>
<b>Name of the Teacher:</b>	<b>Manjith R</b>

## **SYLLABUS OF SELF DEVELOPMENT PRACTICES- PRACTICAL 1**

### **COURSE OUTCOMES**

CO 1: Understand the basics of effective communication and presentation.

CO2: Examine communication and presentation skills of self and others.

CO3: Implementation of positive communication in daily life.

CO4: Develop essential skills for interpersonal communication

### **Unit I: Communication skill**

Importance of effective communication skills in current scenario. Components of verbal communication and non-verbal communication. Overcoming barriers of written, visual, formal and informal communications. Development of interpersonal communication skills.

Activities: Students must choose one problem and solution and convey that to the entire class through using any effective method of communication. A fixed time must be given to all students. Various components used for communication and barriers must be analysed.

### **Unit II: Positive communication**

Advantages of expression of positive communication: gratitude, appreciation, forgiveness and assertiveness. Strategies and management of communication skills. Essentiality of sensible communication skills in psychology career.

Activities: Each student can narrate any incidence that struck in their life using positive communication

### **Unit III: Presentation skills**

Types and use of audio- visual aids in effective presentation. Do's and Don'ts of PowerPoint presentation. Factors to follow in an active group presentation. Benefits of structured presentation. Highlights of understanding the audience needs.

Activities: Each student must make a presentation on a topic using audio-visual aids. Feedback must be elicited from the presenter as well as the audience. Analysis must be made on the presentation.

#### **Books for Study:**

Muniz- Velazquez, J. A., & Pulido, C. M. (2019). The Routledge Handbook of Positive Communication. New York: Taylor and Francis

McKay, M., Davis, M., & Fanning, P. (2018). Messages: The communication skills book. Oakland: New Harbinger

Theobald, T. (2013). Develop your Presentation Skills. New Delhi: Kogan Page Ltd,

Duck, S & Mahan, D.T. (2012). The Basics of Communication- A relational perspective. New Delhi: Sage South Asia Edition

Ramesh, G., & Ramesh, M. (2010). The Ace of soft skills- attitude, communication & etiquette for success. New Delhi: Pearson Education

Kuhnke, E. (2012). Body Language for Dummies. England: John Wiley & Sons, Ltd

### **TEACHING SCHEDULE**

<b>No of Weeks</b>	<b>Dates</b>	<b>Session</b>	<b>Topic</b>
<b>1</b>	29-08-2022 To 03-09-2022	1	Syllabus Introduction
		2	<b>Unit I: Communication skill</b> Importance of effective communication skills in current scenario. Components of verbal communication and non-verbal communication.

No of Weeks	Dates	Session	Topic
2	05-09-2022 To 10-09-2022		Onam Holidays
			Onam Holidays
			Onam Holidays
			Onam Holidays
			Onam Holidays
3	12-09-2022 To 17-09-2022	3	Overcoming barriers of written, visual, formal and informal communications. Development of interpersonal communication skills.
		4	Activity: Students must choose one problem and solution and convey that to the entire class through using any effective method of communication. A fixed time must be given to all students. Various components used for communication and barriers must be analysed.
4	19-09-2022 To 24-09-2022	5	Discussion
		6	Report submission
		21 September	Sree Narayana Samadhi
5	26-09-2022 To 01-10-2022	7	<b>Unit II: Positive communication</b> Advantages of expression of positive communication: gratitude, appreciation, forgiveness and assertiveness
		8	Strategies and management of communication skills. Essentiality of sensible communication skills in psychology career.
6	03-10-2022 To 08-10-2022	9	Activities: Each student can narrate any incidence that struck in their life using positive communication
		4 October	Mahanavami
		05 October	Vijayadasami
		10	Activity
		08 October	Miladi-Sherif

No of Weeks	Dates	Session	Topic
7	10-10-2022 To 15-10-2022	11	Discussion
		11	Report submission
8	17-10-2022 To 22-10-2022	12	I Internal Examination
		13	I Internal Examination
		14	I Internal Examination
		15	I Internal Examination
		16	I Internal Examination
9	24-10-2022 To 29-10-2022	24 October	Divali
		18	<b>Unit III: Presentation skills</b> Types and use of audio- visual aids in effective presentation. Do's and Don'ts of PowerPoint presentation.
		19	Factors to follow in an active group presentation. Benefits of structured presentation. Highlights of understanding the audience needs.
10	31-10-2022 To 05-11-2022	20	Activities: Each student must make a presentation on a topic using audio-visual aids. Feedback must be elicited from the presenter as well as the audience. Analysis must be made on the presentation.
		21	Activity: Presentation
11	07-11-2022 To 12-11-2022	22	Activity: Presentation
		23	Activity: Presentation
12	14-11-2022 To 19-11-2022	24	Discussion
		26	Report submission
13	21-11-2022 To	27	Revision
		28	Revision

No of Weeks	Dates	Session	Topic
	26-11-2022	10 December	Second Saturday
		29	Model examination
		30	Model examination
17	19-12-2022 To 24-12-2022	31	II Internal Examinations
		32	II Internal Examinations
		33	II Internal Examinations
		34	II Internal Examinations
		35	II Internal Examinations
		24 December	Christmas Holidays

<b>Subject Code:</b>	<b>1C01PSY</b>
<b>Subject Name:</b>	<b>Elements of human physiology</b>
<b>No. of Credits:</b>	<b>3</b>
<b>No. of Contact Hours:</b>	<b>72</b>
<b>Hours per Week:</b>	<b>4</b>
<b>Name of the Teacher:</b>	<b>Keerthana Sivan V K</b>

## Syllabus

### COURSE OUTCOMES

CO 1: Understand the basic human body functioning

CO2: Acquire knowledge regarding physiology of cardiovascular, respiratory, digestive and excretory systems

CO3: Analyse the human body's protective mechanism and survival system

CO4: Explain the underlying systems of reproduction

#### Unit 1: Cell Physiology

The cell- structure and function, types- muscle cells, epithelial cells, connective tissue, muscle- skeletal skeletons, cardiac muscle, smooth muscle

#### Unit 2: The Blood and Cardiovascular system

Functions of blood, composition of blood, blood cells- RBC (erythrocytes), WBC (Leucocytes), Thrombocytes or platelets, heart- structure and function, the cardiac cycle, blood pressure & pulse- determinants of arterial blood pressure, methods of recording blood pressure

#### Unit 3: Respiratory system

The respiratory organ- nose, pharynx, larynx, trachea, bronchi, bronchioles, Pulmonary alveoli, subdivision of lung air - lung volume, lung capacities and dead space air, Gaseous exchange & transport of Oxygen & Carbon dioxide.

#### Unit 4: Digestive & Excretory system

Digestive system: - Structure and function of alimentary canal – mouth, salivary glands, pharynx, esophagus, stomach, small and large intestine, rectum, pancreas, liver, digestion and intestinal absorption.

Excretory system:- The kidney- renal sinus, medulla, cortex, uriniferous tubules, nephron, renal capsule, proximal convoluted tubules, loop of Henle, distal convoluted tubule,

Juxtaglomerular, collecting tubule, blood supply of the kidney, urine formation- glomerular

filtration, tubular re absorption, tubular reabsorption & tubular synthesis

#### Unit 5: Protection and Survival

Skin –anatomy of the skin, skin colour- melanin, carotene, hemoglobin, abnormal colour-cyanosis, jaundice, hemochromatosis. Skin appendages- glands, sweat gland, eccrine

sweat glands, apocrine sweat glands, ceruminous sweat glands, mammary glands, sebaceous

glands, hair, nail. Immune system – natural or innate, acquired or adaptive

Reproductive system- structure and function of male and female reproductive system, menstrual cycle, testicular function

#### **Books for Study:**

Muthayya. N. M. (2010). Human physiology (4th ed.). New Delhi: Jaypee brothers medical publishers Pvt Ltd.

Kumar. B. (2001). Human physiology (7th ed.). New Delhi: Campus books International

Kalat, J. W. (2017). Biological Physiology (13th ed.). USA: Cengage learning

#### **Books for Reference:**

Guyton, A. C., Hall, J. E. (1996). Text book of medical physiology (9th ed.). Bangalore: Prism Books Pvt Ltd.



## TEACHING SCHEDULE

No of Weeks	Dates	Session	Topic
1	29-08-2022 To 03-09-2022	1	Syllabus introduction
		2	Module 1: Cell structure
		3	nucleus
		4	Membrane bound cell organs
		5	Non- membrane bound cell organs
2	05-09-2022 To 10-09-2022		Onam Holidays
			Onam Holidays
			Onam Holidays
			Onam Holidays
3	12-09-2022 To 17-09-2022	6	tissue
		7	Epithelial tissue
		8	Connective tissue
		9	Specialized connective tissue
		10	Muscular tissue- skeleton muscle
4	19-09-2022 To 24-09-2022	11	Cardiac muscle, smooth muscle
		12	Neural tissue
		21 September	Sree Narayana Samadhi
		13	Module 2: Blood
		14	Composition of blood
5	26-09-2022 To 01-10-2022	15	Blood cells- RBC, WBC
		16	platelets
		17	Heart structure
		18	Heart function
6	03-10-2022 To	19	Cardiac cycle
		4 October	Mahanavami

No of Weeks	Dates	Session	Topic
	08-10-2022	05 October	Vijayadasami
		20	Blood pressure and pulse
		21	Determinants of arterial blood pressure
7	10-10-2022 To 15-10-2022	22	Methods of recording blood pressure
		23	Class test: module 1
		24	Module 3: respiratory organ- nose, pharynx
		25	Larynx, trachea, bronchi
8	17-10-2022 To 22-10-2022	26	I Internal Examination
		27	I Internal Examination
		28	I Internal Examination
		29	I Internal Examination
		30	I Internal Examination
9	24-10-2022 To 29-10-2022	24 October	Divali
		31	Bronchioles, pulmonary alveoli
		32	Subdivision of lung air- lung volume, lung capacity & dead space air
		33	Gaseous exchange & transport of oxygen & carbon dioxide
		34	Class test: module 2
10	31-10-2022 To 05-11-2022	35	Module 4: digestive system- structure
		36	Alimentary canal
		37	Mouth, salivary glands
		38	Pharynx, esophagus
11	07-11-2022 To 12-11-2022	39	stomach
		40	Small and large intestine
		41	rectum, pancreas and liver
		42	Digestion and internal absorption
		43	Excretory system: kidney
12	14-11-2022	44	Renal sinus, medulla, cortex

No of Weeks	Dates	Session	Topic
	To 19-11-2022	45	Urineriferous tubules, nephron, renal capsule
		46	Proximal convoluted tubules, loop of Henle, distal convoluted tubule
		47	Juxtaglomerular, collecting tubule, blood supply of the kidney
13	21-11-2022 To 26-11-2022	48	Urine formation, glomerular filtration, tubular re-absorption
		49	Tubular reabsorption and tubular secretion
		50	Class test: module 3
		51	Module 5: anatomy of the skin
		52	Skin colour- melanin, carotene, hemoglobin
14	18-11-2022 To 03-12-2022	53	Abnormal colour- cyanosis, jaundice, hemochromatosis
		54	Skin appendages- glands, sweat gland eccrine sweat gland
		55	Apocrine sweat gland, ceruminous sweat gland
		56	Mammary gland, sebaceous gland, hair, nail
		57	Immune system- natural or innate
15	05-12-2022 To 10-12-2022	58	Immune system- acquired or adaptive
		59	Reproductive system: structure
		60	Function of male & female reproductive system
		61	Menstrual cycle
		62	Testicular function
16	12-12-2022 To 17-12-2022	63	Class test: module 4
		64	seminar
		65	seminar
		66	seminar
		67	Class test: module 5
17	19-12-2022 To	68	<b>II Internal Examinations</b>
		69	<b>II Internal Examinations</b>

No of Weeks	Dates	Session	Topic
	24-12-2022	70	<b>II Internal Examinations</b>
		71	<b>II Internal Examinations</b>
		72	<b>II Internal Examinations</b>
		24 December	<b>Christmas Holidays</b>

<b>Subject Code:</b>	<b>1C01 STA(G&amp;P)</b>
<b>Subject Name:</b>	<b>Descriptive Statistics</b>
<b>No. of Credits:</b>	<b>3</b>
<b>No. of Contact Hours:</b>	<b>72</b>
<b>Hours per Week:</b>	<b>4</b>
<b>Name of the Teacher:</b>	<b>Varsha C</b>

## Syllabus

**Unit 1 : Data presentation** – Collection of data, primary and secondary data. Numerical presentation-raw data, Discrete frequency distribution and Continuous frequency distribution. Diagrammatic representation of data – Line diagram, Bar diagram, sub divided bar diagram, histogram. Frequency curve, frequency polygon and pie diagram.

**Unit 2: Measures of central tendency** – Basic concepts, various measures- Mean, Median, Mode, Geometric mean, Harmonic mean, weighted mean, Quartiles and simple numerical problems.

**Unit 3 :Measures of dispersion and moments** – Absolute and relative measures of dispersion, range, Mean deviation, Quartile deviation, Standard deviation, Coefficients of variation, Moments-raw moment, Central moment(Definition only). Skewness and Kurtosis – Definition and various measures with simple numerical problem.

**Unit 4 :Elementary sampling procedure** – Concept of population, sample, Census and sample surveys, advantages of sampling and limitation,sampling methods- Sampling unit, Sampling frame, Sampling and non sampling errors, Probability sampling and Judgement sampling, Basic concepts of simple random sampling, Systematic and Stratified sampling, situations where they are used.

**Books for study:**

1. S.P Gupta: Statistical Methods, SulthanChand and Sons
2. S.C Gupta and V.K Kapoor: Fundamentals of applied Statistics, Sultan Chand and Sons

**TEACHING SCHEDULE**

No of Weeks	Dates	Session	Topic
1	29-08-2022 To 03-09-2022	1	Data presentation
		2	Collection of data
		3	Primary and secondary data
		4	Examples
		5	Numerical presentation of raw data
2	05-09-2022 To 10-09-2022		Onam Holidays
			Onam Holidays
			Onam Holidays
			Onam Holidays
3	12-09-2022 To 17-09-2022	6	Discrete frequency distribution
		7	Examples
		8	Continuous frequency distribution
		9	Examples
		10	Diagrammatic representation of data
4	19-09-2022 To 24-09-2022	11	Line diagram
		12	Bar diagram
		21 September	SreeNarayana Samadhi
		13	Subdivided bar diagram
5	26-09-2022 To 01-10-2022	14	Histogram
		15	Example
		16	Frequency curve and frequency polygon
		17	Pie diagram
6	03-10-2022 To	18	Revision
		19	Class test
		4 October	Mahanavami

No of Weeks	Dates	Session	Topic
	08-10-2022	05 October	Vijayadasami
		20	Measures of central tendency
		21	Basic concepts and various measures
7	10-10-2022 To 15-10-2022	22	Mean
		23	Problem solving
		24	Problem solving
		25	Median
8	17-10-2022 To 22-10-2022	26	I Internal Examination
		27	I Internal Examination
		28	I Internal Examination
		29	I Internal Examination
		30	I Internal Examination
9	24-10-2022 To 29-10-2022	24 October	Divali
		31	Examples
		32	Problem solving
		33	Mode
10	31-10-2022 To 05-11-2022	34	Examples
		35	Geometric mean
		36	Harmonic mean
		37	Problem solving
11	07-11-2022 To 12-11-2022	38	Weighted mean
		39	Quartiles
		40	Problem solving
		41	Revision
		42	Class test
12	14-11-2022 To 19-11-2022	43	Measures of dispersion and moments
		44	Absolute and relative measures of dispersion
		45	range
		46	Mean deviation
13	21-11-2022 To 26-11-2022	47	Examples
		48	Quartile deviation
		49	Standard deviation
		50	Coefficient of variation
		51	Example
14	18-11-2022 To	52	Example
		53	Problem solving
		54	Revision

No of Weeks	Dates	Session	Topic
	03-12-2022	55	<b>Class test</b>
		56	Elementary sampling procedures
		57	Concept of population
15	05-12-2022 To 10-12-2022	58	Sample
		59	Census and sample surveys
		60	Advantages of sampling
		61	Its limitations
		62	Sampling methods
16	12-12-2022 To 17-12-2022	63	Sampling and non-sampling errors
		64	Probability sampling, Systematic random sampling
		65	Stratified random sampling
		66	Revision
		67	Class test
17	19-12-2022 To 24-12-2022	68	<b>II Internal Examinations</b>
		69	<b>II Internal Examinations</b>
		70	<b>II Internal Examinations</b>
		71	<b>II Internal Examinations</b>
		72	<b>II Internal Examinations</b>
		24 December	<b>Christmas Holidays</b>



**DON BOSCO ARTS & SCIENCE COLLEGE  
ANGADIKADAVU**

*(Affiliated to Kannur University Approved by Government of Kerala)*

**ANGADIKADAVU P.O., IRITTY, KANNUR – 670706**



**COURSE PLAN**

**Department**

**(2022 – 25)**

**SEMESTER -I**

**ACADEMIC YEAR- (2022-23)**

Subject Code:	1A07MAL
Subject Name:	കഥാ മാതൃകകൾ
No. of Credits:	04
No. of Contact Hours:	72
Hours per Week:	04
Name of the Teacher:	Rajisha C K

(Add the Syllabus here)

### Syllabus

#### യൂണിറ്റ് 1

##### ചെറുകഥ

- മദിരാശി പിത്തലാട്ടം - വേങ്ങയിൽ കുഞ്ഞിരാമൻ നായനാർ
- ഉത്തരം കിട്ടാത്ത ചോദ്യം- വി ടി ഭട്ടത്തിരിപ്പാട്
- മരപ്പാവകൾ - കാരൂർ നീലകണ്ഠപ്പിള്ള
- തരിശുനിലം - മാധവിക്കുട്ടി
- അശോക- സാനാ ജോസഫ്
- മോദസ്ഥിതനായങ്ങു വസിപ്പൂ മലപോലെ - എസ് ഹരീഷ്
- വന്മരങ്ങൾ വീഴുമ്പോൾ - എൻ എസ് മാധവൻ

#### യൂണിറ്റ് 2

##### നോവൽ

- നൂറു സിംഹാസനങ്ങൾ - ജയമോഹൻ

#### യൂണിറ്റ് 3

##### നോവൽ ഭാഗങ്ങൾ

- സരസ്വതി വിജയം - പോത്തേരി കുഞ്ഞമ്പു
- ഖസാക്കിന്റെ ഇതിഹാസം- ഓ വി വിജയൻ
- ആരാച്ചാർ- എ ആർ മീര
- ഒരു തെരുവിന്റെ കഥ - എസ് കെ പൊറ്റക്കാട്

## TEACHING SCHEDULE

No of Weeks	Dates	Session	Topic
1	29-08-2022 To 03-09-2022	1	മലയാളഭാഷയുടെ നാൾവഴികൾ
		2	മലയാള ചെറുകഥാ സാഹിത്യ ചരിത്രം
		3	ആദ്യകാല കഥകളുടെ പൊതു സവിശേഷത
		4	വേങ്ങയിൽ കുഞ്ഞിരാമൻ നായനാരും ആദ്യകാല കഥകളും
		5	മദിരാശി പിത്തലാട്ടം കഥ വായന
2	05-09-2022		Onam Holidays
			Onam Holidays

No of Weeks	Dates	Session	Topic
	To 10-09-2022		Onam Holidays
			Onam Holidays
			Onam Holidays
3	12-09-2022 To 17-09-2022	6	മദിരാശിപ്പിത്തലാട്ടം വിശദപഠനം
		7	മദിരാശിപ്പിത്തലാട്ടം വിശദപഠനം
		8	ക്ലാസ്സ് പരീക്ഷ 1
		9	വി ടി ഭട്ടതിരിപ്പാടിന്റെ രചനാലോകം
		10	ഉത്തരം കിട്ടാത്ത ചോദ്യം കഥാ വായന
4	19-09-2022 To 24-09-2022	11	ഉത്തരം കിട്ടാത്ത ചോദ്യം വിശദപഠനം
		12	ഉത്തരം കിട്ടാത്ത ചോദ്യം വിശദപഠനം
		21September	Sree Narayana Samadhi
		13	ക്ലാസ്സ് പരീക്ഷ 2
		14	വാദ്യാർ കഥകളും കാരൂർ നീലകണ്ഠപ്പിള്ളയും
5	26-09-2022 To 01-10-2022	15	മരപ്പാവകൾ കഥാ വായന
		16	മരപ്പാവകൾ കഥ വായന
		17	മരപ്പാവകൾ വിശദപഠനം
		18	പ്രധാന ആശയങ്ങൾ ക്രോഡീകരണം
6	03-10-2022 To 08-10-2022	19	ക്ലാസ്സ് പരീക്ഷ 3
		4 October	Mahanavami
		05 October	Vijayadasami
		20	പെണ്ണെഴുത്ത് സാഹിത്യം
7	10-10-2022 To 15-10-2022	21	മാധവിക്കുട്ടിയുടെ രചനാലോകം
		22	തരിശുനിലം കഥ വായന
		23	തരിശുനിലം വിശദപഠനം
		24	തരിശുനിലം വിശദപഠനം
8	17-10-2022 To 22-10-2022	25	ക്ലാസ്സ് പരീക്ഷ 4
		26	I Internal Examination
		27	I Internal Examination
		28	I Internal Examination
		29	I Internal Examination
9	24-10-2022 To 29-10-2022	30	I Internal Examination
		24 October	Divali
		31	സാറാ ജോസഫിന്റെ കഥാലോകം
		32	അശോക കഥാ വായന

No of Weeks	Dates	Session	Topic
		33	അശോക് വിശദപഠനം
		34	ഇതിഹാസങ്ങളുടെ പുനർവായന മലയാളസാഹിത്യത്തിൽ ചർച്ച
10	31-10-2022 To 05-11-2022	35	അശോക് വിശദപഠനം
		36	ക്ലാസ് പരീക്ഷ 5
		37	എസ് ഹരീഷിന്റെ കഥകളുടെ പ്രത്യേകതകൾ
		38	മോദസ്ഥിതനായങ്ങു വസിപ്പൂ മലപോലെ കഥാ വായന
11	07-11-2022 To 12-11-2022	39	മോദസ്ഥിതനായങ്ങു വസിപ്പൂ മലപോലെ കഥാപഠനം
		40	അന്യവിശ്വാസങ്ങളും മലയാള സമൂഹവും
		41	ക്ലാസ് പരീക്ഷ 6
		42	എൻ എസ് മാധവന്റെ കഥാലോകം
		43	ഇന്ദിരാഗാന്ധി വധവുമായി ബന്ധപ്പെട്ട ചരിത്രവസ്തുതകൾ
12	14-11-2022 To 19-11-2022	44	വന്മരങ്ങൾ വീഴുമ്പോൾ കഥാ വായന
		45	വന്മരങ്ങൾ വീഴുമ്പോൾ വിശദപഠനം
		46	വന്മരങ്ങൾ വീഴുമ്പോൾ വിശദപഠനം
		47	പ്രധാന ആശയങ്ങൾ ക്രോഡീകരണം
13	21-11-2022 To 26-11-2022	48	ക്ലാസ് പരീക്ഷ 7
		49	മലയാള നോവൽ സാഹിത്യ ചരിത്രം
		50	ദളിത് നോവലുകൾ
		51	നൂറു സിംഹാസനങ്ങൾ നോവൽ വായന
		52	നൂറു സിംഹാസനങ്ങൾ നോവൽ വായന നൂറു സിംഹാസനങ്ങൾ നോവൽ വായന
14	18-11-2022 To 03-12-2022	53	നൂറു സിംഹാസനങ്ങൾ വിശദപഠനം
		54	ക്ലാസ് പരീക്ഷ 8
		55	ആദ്യകാല നോവലുകളുടെ പ്രത്യേകതകൾ
		56	സരസ്വതി വിജയം നോവൽ വായന
		57	സരസ്വതി വിജയം വിശദപഠനം

No of Weeks	Dates	Session	Topic
15	05-12-2022 To 10-12-2022	58	ആധുനിക നോവലും ഓ വി വിജയനും
		59	ഖസാക്കിന്റെ ഇതിഹാസം ആദ്യ പാഠങ്ങൾ എന്ന അദ്ധ്യായത്തിനു വിശദീകരണം
		60	കെ ആർ മീരയുടെ സാഹിത്യ ലോകം
		61	അദ്ധ്യായം 24 വിശദപഠനം
		62	എസ് കെ പൊറ്റക്കാടിന്റെ കഥാലോകം
16	12-12-2022 To 17-12-2022	63	ഒരു തെരുവിന്റെ കഥ വിശദപഠനം
		64	ഒരു ജ്യോതിഷ കാരന്റെ കഥ അദ്ധ്യായം വിശദീകരണം
		65	ക്ലാസ് പരീക്ഷ 9
		66	റിവിഷൻ യൂണിറ്റ് 1 2
		67	റിവിഷൻ യൂണിറ്റ് 3
17	19-12-2022 To 24-12-2022	68	<b>II Internal Examinations</b>
		69	<b>II Internal Examinations</b>
		70	<b>II Internal Examinations</b>
		71	<b>II Internal Examinations</b>
		72	<b>II Internal Examinations</b>

<b>Subject Code:</b>	<b>IA07HIN</b>
<b>Subject Name:</b>	<b>Hindi kavitha</b>
<b>No. of Credits:</b>	<b>4</b>
<b>No. of Contact Hours:</b>	<b>72</b>
<b>Hours per Week:</b>	<b>5</b>
<b>Name of the Teacher:</b>	<b>JAINY N GEORGE</b>

Semester	Course code	Hours per week	Credit	Exam hours
1	1A07HIN	5	4	3

**Unit I :**

- कबीरदास – पद- 1  
दोहा- प्रथम पांच
- तुलसीदास – विनय के पद- 1, 2
- रहीम - दोहा- प्रथम पांच। ( 15 Hrs)

**Unit II :**

- मैथिलीशरण गुप्त- आर्य
- सूर्यकांत त्रिपाठी निराला- जागो फिर एक बार
- महादेवी वर्मा- पंथ होने दो अपरिचित
- हरिवंशराय बच्चन - अग्निपथ ( 17 Hrs)

**Unit III:**

- सर्वेश्वर दयाल सक्सेना -पोस्टर और आदमी
- अज्ञेय - नाच ( 15 Hrs)

**Unit IV:**

- कुंवर नारायण - घर पहुंचना
- अरुण कमल – पुतली में संसार
- अशोक बाजपेय – एक खिडकी
- कात्यायनी – सिटकनी
- ओमप्रकाश वाल्मीकी - ठाकुर का कुआं

**TEACHING SCHEDULE**

No of Weeks	Dates	Session	Topic
1	29-08-2022 To 03-09-2022	1	कबीरदास
		2	कबीरदास
		3	कबीरदास
		4	कबीरदास
		5	कबीरदास
2	05-09-2022 To 10-09-2022		Onam Holidays
			Onam Holidays
			Onam Holidays
			Onam Holidays
			Onam Holidays
3	12-09-2022 To 17-09-2022	6	तुलसीदास
		7	तुलसीदास
		8	तुलसीदास
		9	तुलसीदास
		10	तुलसीदास
4	19-09-2022 To 24-09-2022	11	रहीम
		12	रहीम
		21September	Sree Narayana Samadhi
		13	रहीम
		14	रहीम
5	26-09-2022 To 01-10-2022	15	रहीम
		16	रहीम
		17	कक्षा परीक्षा
		18	ठाकुर का कुआं
6	03-10-2022 To 08-10-2022	19	ठाकुर का कुआं
		4 October	Mahanavami
		05 October	Vijayadasami
		20	ठाकुर का कुआं
7	10-10-2022 To	21	अग्निपथ
		22	अग्निपथ
		23	अग्निपथ
		24	अग्निपथ



	15-10-2022	25	अग्निपथ
8	17-10-2022 To 22-10-2022	26	I Internal Examination
		27	I Internal Examination
		28	I Internal Examination
		29	I Internal Examination
		30	I Internal Examination
9	24-10-2022 To 29-10-2022	24 October	Divali
		31	पंथ होने दो अपरिचित
		32	पंथ होने दो अपरिचित
		33	पंथ होने दो अपरिचित
		34	पंथ होने दो अपरिचित
10	31-10-2022 To 05-11-2022	35	पंथ होने दो अपरिचित
		36	जागो फिर एक बार
		37	जागो फिर एक बार
		38	जागो फिर एक बार
11	07-11-2022 To 12-11-2022	39	जागो फिर एक बार
		40	जागो फिर एक बार
		41	आर्य
		42	आर्य
		43	आर्य
12	14-11-2022 To 19-11-2022	44	नाच
		45	नाच
		46	नाच
		47	नाच
13	21-11-2022 To 26-11-2022	48	पुतली में संसार
		49	पुतली में संसार
		50	पुतली में संसार
		51	पुतली में संसार
		52	पुतली में संसार
14	18-11-2022 To 03-12-2022	53	कक्षा परीक्षा
		54	सिटकिनी
		55	सिटकिनी
		56	सिटकिनी
		57	पोस्टर और आदमी
15	05-12-2022 To	58	पोस्टर और आदमी
		59	पोस्टर और आदमी

	10-12-2022	60	पोस्टर और आदमी
		61	घर पहुंचना
		62	एक खिड़की
16	12-12-2022 To 17-12-2022	63	एक खिड़की
		64	एक खिड़की
		65	रेत के द्वीप पसर आए है
		66	रेत के द्वीप पसर आए
		67	रेत के द्वीप पसर आए
17	19-12-2022 To 24-12-2022	68	<b>II Internal Examinations</b>
		69	<b>II Internal Examinations</b>
		70	<b>II Internal Examinations</b>
		71	<b>II Internal Examinations</b>
		72	<b>II Internal Examinations</b>