

**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**

**(2019 – 22)**

**SEMESTER - I**

**ACADEMIC YEAR - (2019-20)**

## I Semester BSc PSYCHOLOGY (2019 - 22)

SL. No.	Name of Subjects with Code	Name of the Teacher	Duty Hours per week
1.	1A 01 ENG Communicative English	Surabhi Raveendran	5
2.	1A 02 ENG Readings on Kerala	Anu P. Thomas	4
3.	1A 07 MAL Kadha Mathrukakal	Rajisha C.K.	4
4.	1A 07 HIN Hindi Kavitha	Jainy N. George	4
5.	1B 01 PSY Basics Of Psychology	Athira Alex	3
6.	1B 02 PSY Self-Development Practices- Practical 1	Sr. Leema Jacob	1
7.	1C 01 PSY Elements of Human Physiology	Sr. Leema Jacob	4
8.	1C01 STA Descriptive Statistics	Arundas V.P.	4
	<b>Class Incharge</b>	<b>Sr. Leema Jacob</b>	

### TIME TABLE

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	1C 01 PSY Elements of Human Physiology	1A 01 ENG Communicative English	1A 07 MAL Kadhamathrukaka 1/1A 07 HIN Hindi Kavitha	1A 02 ENG Readings on Kerala	1B 01 PSY Basics Of Psychology
2	1C 01 PSY Elements of Human Physiology	1A 02 ENG Readings on Kerala	1C01 STA Descriptive Statistics	1A 01 ENG Communicative English	1A 07 MAL Kadhamathrukaka 1/1A 07 HIN Hindi Kavitha
3	1C01 STA Descriptive Statistics	1B 01 PSY Basics Of Psychology	1A 07 MAL Kadhamathrukaka 1/1A 07 HIN Hindi Kavitha	1C 01 PSY Elements of Human Physiology	1A 02 ENG Readings on Kerala
4	1C01 STA Descriptive Statistics	1A 07 MAL Kadhamathrukaka 1/1A 07 HIN Hindi Kavitha	1A 02 ENG Readings on Kerala	1C 01 PSY Elements of Human Physiology	1A 01 ENG Communicative English
5	1A 02 ENG Readings on Kerala	1B 01 PSY Basics Of Psychology	1A 01 ENG Communicative English	1B 02 PSY Self-Development Practices- Practical 1	1C01 STA Descriptive Statistics

<b>Subject Code:</b>	<b>1A01 ENG</b>
<b>Subject Name:</b>	<b>Communicative English</b>

<b>Subject Code:</b>	<b>1A01 ENG</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 Faculty:</b>	<b>Surabhi Raveendran</b>

**Objective: -**

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

**Module –I: Grammar and Usage**

**Grammar**

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

**Usage**

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

**Module – II: Listening and Speaking**

**Listening**

What is Communication?, Phonemes in English, Syllables and Word Stress, Listening to NewsBulletins, 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 – III: Reading and Writing**

**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.

**Prescribed Textbook:** *Equip: English for Undergraduates* by Cambridge University Press

**TEACHING SCHEDULE**

No of Weeks	Dates	Session	Topic
1	01-07-2019 To 05-07-2019	1	Introduction to Communication
		2	Terms of Communication
		3 July	St. Thomas Day
		3	Article ( a, an, and the)
		4	Definite Article (the) and Indefinite Article (a and an)
		5	Discussion on Article
2	08-07-2019 To 12-07-2019	6	Class Test
		7	Modals – Modal Auxiliary and non-Modal Auxiliary
		8	Modals
		9	Introduction to Tenses
		10	Present Tense
		11	Past Tense
3	15-07-2019 To 19-07-2019	12	Future Tense
		13	Discussion on Modals and Tenses
		14	Examination
		15	Voices- Passive and Active
		16	Passive Voice
		17	Passive Voice
4	22-07-2019 To 26-07-2019	18	Examination
		19	SEMINAR PRESENTATION
		20	SEMINAR PRESENTATION
		21	SEMINAR PRESENTATION
		22	Subject –Verb Agreement
		23	Subject –Verb Agreement
5	29-07-2019 To 02-08-2019	24	Speech - Direct and Reported
		25	Direct and Indirect Speech
		26	Direct and Indirect Speech
		27	Examination
		28	Question Tag
		31 July	Karkadaka Vavu
6	05-08-2019 To 09-08-2019	29	Question Tag
		30	Phrasal Verbs (Separable, Inseparable, Transitive and Intransitive)
		31	Phrasal Verbs
		32	CLASS PRESENTATION ON IDIOMS
		33	DISCUSSION
		34	Examination
		35	Types of Words (Synonyms, Antonyms, Homonyms, Homophones, Acronyms and Eponyms)

No of Weeks	Dates	Session	Topic
		36	Synonyms, Antonyms and Eponyms
		37	Homonyms, Homophone and Acronyms
		38	Examination
		39	What is Communication?
7	12-08-2019 To 16-08-2019	40	Phonemes in English
		41	Phonemes in English
		15 Aug	Independence day
		42	Syllables and Word Stress
		43	Syllables and Word Stress
		44	Listening to News Bulletins
		45	Listening to Lectures
8	19-08-2019 To 23-08-2019	46	Examination
		47	Listening to Speeches
		48	Listening to Instructions and Directions
		49	DISCUSSION
		50	Small Conversation
		51	Greetings and Introductions
		52	REVISION
		23 Aug	Sreekrishna Jayanthi
9	26-08-2019 To 30-08-2019	26 Aug	First Internal Exam
			First Internal Exam
		28 Aug	Ayyankali Jayanthi
			First Internal Exam
			First Internal Exam
			First Internal Exam
10	02-09-2019 To 06-09-2019		First Internal Exam
		53	Talking to Telephone
		54	Making Requests
		55	Making Enquiries
		56	Making Suggestions
		57	SEMINAR PRESENTATION
		58	SEMINAR PRESENTATION
		59	SEMINAR PRESENTATION
	Onam Celebration		
11	09-09-2019 To 13-09-2019		Muharram
			First Onam
			Thiruvonam
			Third Onam
			Fourth Onam - SreeNarayana Guru Jayanthi

No of Weeks	Dates	Session	Topic
12	16-09-2019 To 20-09-2019	60	Expressing Gratitude
		61	Complaining
		62	SEMINAR PRESENTATION
		63	SEMINAR PRESENTATION
		64	READING
		65	Reading Official Letters and Profiles
		66	Reading Advertisements
		67	Reading News Reports
		68	Reading News Reports
13	23-09-2019 To 27-09-2019	69	Reading Charts
		70	Reading Online Content
		71	Examination
		72	Writing Paragraphs
		73	Writing Paragraphs
		74	DISCUSSION
		75	DISCUSSION
		76	Essay and Academic Writing
		77	Essay and Academic Writing
14	30-09-2019 To 04-10-2019	78	Writing Letters
		79	Writing Letters
		2 Oct	<b>Gandhi Jayanthi</b>
		80	SEMINAR PRESENTATION
		81	SEMINAR PRESENTATION
		82	SEMINAR PRESENTATION
		83	Writing Resumes
		84	Writing Resumes
15	07-10-2019 To 11-10-2019	07 Oct	<b>Mahanavami</b>
		08 Oct	<b>Vijayadashami</b>
		85	Taking and Making Notes
		86	Taking and Making Notes
		87	Examination
		88	REVISION
		89	REVISION
		90	REVISION
16	14-10-2019 To 18-10-2019	14 Oct	<b>Second Internal</b>
			<b>Second Internal</b>
			<b>Second Internal</b>
			<b>Second Internal</b>
			<b>Second Internal</b>

No of Weeks	Dates	Session	Topic
			<b>Second Internal</b>
<b>17</b>	<b>21-10-2019 To 25-10-2019</b>		<b>Study Leave</b>
			<b>Study Leave</b>
			<b>Study Leave</b>
			<b>Study Leave</b>
			<b>Study Leave</b>
<b>18</b>	<b>28-10-2019 To 01-11-2019</b>		<b>Study Leave</b>
			<b>Study Leave</b>
		<b>30 Oct</b>	<b>University Exam Begin</b>

<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 Faculty:</b>	<b>Anu P. Thomas</b>

**Objective: -**

1. Understand the basic facts and patterns regarding the cultural evolution of Kerala through articles, poems, stories, life writings and historical narratives.
2. Acquaint with the life and works of the illustrious leaders of Kerala Renaissance and the major events.
3. Assimilate the notion of Kerala as an emerging society and critically examine the salient features of its evolution.
4. Understand the evolution and contemporary state of the concept of “gender” with reference to Kerala
5. Understand the form and content of Kerala’s struggle against “casteism” and for “secularism”.
6. Develop an awareness about the ecological problems and issues in Kerala

**Module - I**

1. “Conversation” :Sree Narayana Guru
2. “Curing Caste” :Sahodaran Ayyappan
3. Excerpts from “Eri” : Pradeepan Pambirikkunnu
4. Excerpts from *Kelu*: N. Sasidharan, E.P.Rajagopalan
5. Excerpts from “Parting from the Path of Life” :Cherukad Govinda Pisharodi

**Module – II**

1. “Not an Alphabet in Sight” :PoykayilAppachan
2. “KuttippuramPalam” :Idasseri
3. “Courageous Act” :AnasuyaMenon
4. “Vaikom Satyagraha” : K. N.Panikkar
5. “The Voice” : Suresh Menon

**Prescribed Textbook:** *Multiple Modernities: Readings on Kerala* published by HornbillPublications

## **TEACHING SCHEDULE**

No of Weeks	Dates	Session	Topic
<b>1</b>	<b>01-07-2019 To 05-07-2019</b>	1	. “Conversation” :Sree Narayana Guru
		2	. “Conversation” :Sree Narayana Guru
		<b>3 July</b>	<b>St. Thomas Day</b>
		3	. “Conversation” :Sree Narayana Guru
		4	. “Conversation” :Sree Narayana Guru
		5	<b>Class Test</b>
6	<b>Discussion</b>		



No of Weeks	Dates	Session	Topic
2	08-07-2019 To 12-07-2019	7	Curing Caste” :Sahodaran Ayyappan
		8	Curing Caste” :Sahodaran Ayyappan
		9	Curing Caste” :Sahodaran Ayyappan
		10	Curing Caste” :Sahodaran Ayyappan
		11	Discussion
		12	<b>CLASS TEST</b>
3	15-07-2019 To 19-07-2019	13	Excerpts from “Eri” :PradeepanPambirikkunnu
		14	Excerpts from “Eri” :PradeepanPambirikkunnu
		15	Excerpts from “Eri” :PradeepanPambirikkunnu
		16	Excerpts from “Eri” :PradeepanPambirikkunnu
		17	Excerpts from “Eri” :PradeepanPambirikkunnu
		18	<b>Discussion</b>
4	22-07-2019 To 26-07-2019	19	CLASS TEST
		20	Excerpts from <i>Kelu</i> : N. Sasidharan, E.P.Rajagopalan
		21	Excerpts from <i>Kelu</i> : N. Sasidharan, E.P.Rajagopalan
		22	Excerpts from <i>Kelu</i> : N. Sasidharan, E.P.Rajagopalan
		23	Excerpts from <i>Kelu</i> : N. Sasidharan, E.P.Rajagopalan
		24	Excerpts from <i>Kelu</i> : N. Sasidharan, E.P.Rajagopalan
5	29-07-2019 To 02-08-2019	25	Excerpts from <i>Kelu</i> : N. Sasidharan, E.P.Rajagopalan
		26	Excerpts from <i>Kelu</i> : N. Sasidharan, E.P.Rajagopalan
		27	Excerpts from <i>Kelu</i> : N. Sasidharan, E.P.Rajagopalan
		31 July	<b>KarkadakaVavu</b>
		28	DISCUSSION
		29	DISCUSSION
6	05-08-2019 To 09-08-2019	30	DISCUSSION
		31	DISCUSSION
		32	CLASS TEST
		33	Excerpts from “Parting from the Path of Life” :CherukadGovindaPisharodi
		34	Excerpts from “Parting from the Path of Life” :CherukadGovindaPisharodi
		35	Excerpts from “Parting from the Path of Life” :CherukadGovindaPisharodi
7	12-08-2019 To 16-08-2019	36	Excerpts from “Parting from the Path of Life” :CherukadGovindaPisharodi
		37	Excerpts from “Parting from the Path of Life” :CherukadGovindaPisharodi
		38	Excerpts from “Parting from the Path of Life” :CherukadGovindaPisharodi
		39	CLASS TEST
		15 Aug	<b>Independence day</b>

No of Weeks	Dates	Session	Topic
		40	<b>REVISION</b>
		41	Excerpts from “Parting from the Path of Life” :CherukadGovindaPisharodi
		42	Excerpts from “Parting from the Path of Life” :CherukadGovindaPisharodi
<b>8</b>	<b>19-08-2019 To 23-08-2019</b>	43	“Not an Alphabet in Sight” :PoykayilAppachan – is the name in Syllabus) In text book the name of poem is ‘ About my Race a Song”
		44	. “Not an Alphabet in Sight” :PoykayilAppachan – is the name in Syllabus) In text book the name of poem is ‘ About my Race a Song”
		45	“Not an Alphabet in Sight” :PoykayilAppachan – is the name in Syllabus) In text book the name of poem is ‘ About my Race a Song”
		46	“Not an Alphabet in Sight” :PoykayilAppachan – is the name in Syllabus) In text book the name of poem is ‘ About my Race a Song”
		47	“Not an Alphabet in Sight” :PoykayilAppachan – is the name in Syllabus) In text book the name of poem is ‘ About my Race a Song”
		<b>23 Aug</b>	<b>SreekrishnaJayanthi</b>
<b>9</b>	<b>26-08-2019 To 30-08-2019</b>	<b>26 Aug</b>	<b>First Internal Exam</b>
			<b>First Internal Exam</b>
		<b>28 Aug</b>	<b>AyyankaliJayanthi</b>
			<b>First Internal Exam</b>
			<b>First Internal Exam</b>
<b>10</b>	<b>02-09-2019 To 06-09-2019</b>		<b>First Internal Exam</b>
		48	<b>DISCUSSION</b>
		49	<b>DISCUSSION</b>
		50	<b>DISCUSSION</b>
		Onam Celebration	
<b>11</b>	<b>09-09-2019 To 13-09-2019</b>		<b>Muharram</b>
			<b>First Onam</b>
			<b>Thiruvonam</b>
			<b>Third Onam</b>
		<b>Fourth Onam - SreeNarayana Guru Jayanthi</b>	
<b>12</b>	<b>16-09-2019</b>	51	“KuttippuramPalam” :Idasseri

No of Weeks	Dates	Session	Topic
	<b>To</b> <b>20-09-2019</b>	52	“KuttippuramPalam” :Idasseri
		53	“KuttippuramPalam” :Idasseri
		54	“KuttippuramPalam” :Idasseri
		55	“KuttippuramPalam” :Idasseri
		56	“KuttippuramPalam” :Idasseri
<b>13</b>	<b>23-09-2019</b> <b>To</b> <b>27-09-2019</b>	57	Courageous Act” :AnasuyaMenon
		58	Courageous Act” :AnasuyaMenon
		59	Courageous Act” :AnasuyaMenon
		60	Courageous Act” :AnasuyaMenon
		61	Courageous Act” :AnasuyaMenon
		62	CLASS TEST
<b>14</b>	<b>30-09-2019</b> <b>To</b> <b>04-10-2019</b>	63	“Vaikom Satyagraha” : K. N.Panikkar
		64	“Vaikom Satyagraha” : K. N.Panikkar
		<b>2 Oct</b>	<b>Gandhi Jayanthi</b>
		65	“Vaikom Satyagraha” : K. N.Panikkar
		66	“Vaikom Satyagraha” : K. N.Panikkar
		67	“Vaikom Satyagraha” : K. N.Panikkar
		68	“Vaikom Satyagraha” : K. N.Panikkar
<b>15</b>	<b>07-10-2019</b> <b>To</b> <b>11-10-2019</b>	<b>07 Oct</b>	<b>Mahanavami</b>
		<b>08 Oct</b>	<b>Vijayadashami</b>
		69	The Voice” : Suresh Menon
		70	The Voice” : Suresh Menon
		71	The Voice” : Suresh Menon
		72	The Voice” : Suresh Menon
<b>16</b>	<b>14-10-2019</b> <b>To</b> <b>18-10-2019</b>	<b>14 Oct</b>	<b>Second Internal</b>
			<b>Second Internal</b>
			<b>Second Internal</b>
			<b>Second Internal</b>
			<b>Second Internal</b>
			<b>Second Internal</b>
<b>17</b>	<b>21-10-2019</b> <b>To</b> <b>25-10-2019</b>		<b>Study Leave</b>
			<b>Study Leave</b>
			<b>Study Leave</b>
			<b>Study Leave</b>
			<b>Study Leave</b>
<b>18</b>	<b>28-10-2019</b> <b>To</b> <b>01-11-2019</b>		<b>Study Leave</b>
			<b>Study Leave</b>
		<b>30 Oct</b>	<b>University Exam Begin</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 Faculty:</b>	<b>Athira Alex</b>

**Objective: -**

- 1: Familiarize the roots of the discipline and the way it has developed
- 2: Understand the nature of psychology as a scientific discipline and its subject matter
- 3: Learn the psychodynamic, behavioral, humanistic, cognitive, developmental, sociocultural, biological, and evolutionary perspective with which the psychologists pursue their studies.
- 4: Conduct Observation, Interview, Survey, Case study, Group discussion and Focus group discussion to understand human behavior in a scientific manner.
- 5: Differentiate the terminologies - Learning and Memory – as used by psychology students and lay persons.
- 6: Explain the theories of learning and models of memory and analyse the way in which behavior is explained by the theorists
- 7: Evaluate the accuracy of behavior assessment through observation and interview

**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, semistructured, 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**

Concept and Definition of learning, learning curve. Classical conditioning- Basic experiment, basic terms- conditioned stimulus, unconditioned stimulus, conditioned response, unconditioned response, stimulus generalization, discrimination, higher order conditioning, extinction, spontaneous recovery. Pavlovian conditioning procedures- delayed, backward, trace conditioning. Applications. Operant conditioning- Basic experiment, basic terms- reinforcement, punishment, positive and negative reinforcement, and punishment, shaping and chaining, schedules of reinforcement- interval and ratio. Applications. Observational learning. Thorndike and the law of effect. Cognitive theories- Kohler- Insight learning, Social learning theory.

## **Unit V:**

### **Memory**

Memory: Definition and types- sensory memory, short term memory, long term memory, types of long term memory- declarative vs. procedural, Episodic vs. semantic. Encoding, storage and retrieval processes. Atkinson and Shiffrin model, Levels of processing view, neural network model. Forgetting – causes, curve, theories of forgetting. Memory improving techniques.

### **Books for Study:**

- Baron, R. A. & Misra, G. (2014). Psychology (5th ed.). New Delhi: Pearson Education
- Cicarelli, S.K. & Meyer, G. E. (2008). Psychology. New Delhi: Pearson Education
- Weiten, W. (2008). Psychology themes and variations (8th ed.). USA: Wadsworth
- Kothari, C.R (2004). Research Methodology. New Delhi: New age International

### **Books for Reference:**

- Coon, D., & Mitterer, J. O. (2007). Introduction to Psychology. USA: Wadsworth
- Domjan, M. (2006). Learning and Behaviour (6th ed.). USA: Wadsworth.
- Goodwin, C.J (2003). Research in Psychology (3rd ed.). USA: John Wiley & Sons, Inc
- Meyer, G. E. (2008). Psychology. New Delhi: Pearson Education
- Morgan, King, Weisz, & Schopler. (1986). Introduction to Psychology (7th ed.). New York: McGrawHill companies
- Singh, A. K. (2010). Tests, measurements and Research Methods in behavioral sciences. New Delhi: Bharathibhawan

## **TEACHING SCHEDULE**

No of Weeks	Dates	Session	Topic
1	01-07-2019 To 05-07-2019	1	Definition, Goals of psychology, Brief history of psychology- structuralism, functionalism, behaviourism, Psychodynamic, Gestalt psychology
		2	Perspectives of psychology- psychodynamic, behavioural, humanistic, cognitive, developmental, socio-cultural, biological, and evolutionary
		3 July	St. Thomas Day
		3	Areas- basic and applied. Major applied areas
		4	Class Test
		5	Psychology as a science, Definition and characteristics of scientific research,
2	08-07-2019 To 12-07-2019	6	Objectives of research, types of variables,
		7	Sample and its selection
		8	Types of research: descriptive v/s analytical, applied v/s fundamental
		9	Types of research: quantitative v/s qualitative, conceptual v/s empirical
		10	Phases in research
3	15-07-2019 To 19-07-2019	11	Ethical concerns in psychological research
		12	Class test
		13	Data collection: meaning, types- primary and secondary data. Quantitative and Qualitative data.
		14	Methods: experiments, questionnaires, Survey
		15	Methods: interview- structured, semi structured, in-depth, expert interview, Schedule
4	22-07-2019 To 26-07-2019	16	Methods: observation- natural, laboratory, participant and non-participant
		17	Case study, group discussion, focus group discussion.
		18	Advantages and disadvantages of each data collection method
		19	Selection of appropriate method of data collection.
		20	Assignment
		21	Seminar presentation
5	29-07-2019 To 02-08-2019	22	Class test
		23	Concept and Definition of learning
		24	Learning curve
		31 July	KarkadakaVavu
		25	Classical conditioning- Basic experiment, basic terms- conditioned stimulus, unconditioned stimulus, conditioned response, unconditioned response.
		26	Stimulus generalization, discrimination, higher order

No of Weeks	Dates	Session	Topic
			conditioning, extinction, spontaneous recovery
6	05-08-2019 To 09-08-2019	27	Pavlovian conditioning procedures: delayed, backward & trace conditioning.
		28	Applications
		29	Assignment
		30	Operant conditioning- Basic experiment, basic terms- reinforcement, punishment. positive and negative reinforcement, and punishment,
7	12-08-2019 To 16-08-2019	31	Positive and negative reinforcement, and punishment,
		15 Aug	<b>Independence day</b>
		32	Schedules of reinforcement-interval and ratio.
		33	Shaping and chaining
8	19-08-2019 To 23-08-2019	34	Applications
		35	Assignment
		36	Test Paper
		23 Aug	<b>SreekrishnaJayanthi</b>
9	26-08-2019 To 30-08-2019	26 Aug	<b>First Internal Exam</b>
			<b>First Internal Exam</b>
		28 Aug	<b>AyyankaliJayanthi</b>
			<b>First Internal Exam</b>
			<b>First Internal Exam</b>
			<b>First Internal Exam</b>
10	02-09-2019 To 06-09-2019		<b>First Internal Exam</b>
		37	Class Test
		38	Observational learning
			Onam Celebration
11	09-09-2019 To 13-09-2019		<b>Muharram</b>
			<b>First Onam</b>
			<b>Thiruvonam</b>
			<b>Third Onam</b>
			<b>Fourth Onam - SreeNarayana Guru Jayanthy</b>
12	16-09-2019 To 20-09-2019	39	Thorndike and the law of effect
		40	Cognitive theories-Kohler- Insight learning
		41	Social learning theory.
		42	Class Test.
13	23-09-2019 To 27-09-2019	43	Memory: Definition and types-sensory memory, short term memory, long term memory
		44	Short term memory & Working Memory
		45	Types of long term memory-declarative vs. procedural, Episodic vs. semantic



No of Weeks	Dates	Session	Topic
		46	Encoding, storage and retrieval processes
<b>14</b>	<b>30-09-2019 To 04-10-2019</b>	47	Atkinson and Shiffrin model
		48	Levels of processing view, neural network model.
		<b>2 Oct</b>	<b>Gandhi Jayanthi</b>
		49	Forgetting – causes, curve
		50	Theories of forgetting
		51	Memory improving techniques.
<b>15</b>	<b>07-10-2019 To 11-10-2019</b>	<b>07 Oct</b>	<b>Mahanavami</b>
		<b>08 Oct</b>	<b>Vijayadashami</b>
		52	Revision
		53	Revision
		54	Revision
<b>16</b>	<b>14-10-2019 To 18-10-2019</b>	<b>14 Oct</b>	<b>Second Internal</b>
			<b>Second Internal</b>
			<b>Second Internal</b>
			<b>Second Internal</b>
			<b>Second Internal</b>
			<b>Second Internal</b>
<b>17</b>	<b>21-10-2019 To 25-10-2019</b>		<b>Study Leave</b>
			<b>Study Leave</b>
			<b>Study Leave</b>
			<b>Study Leave</b>
			<b>Study Leave</b>
<b>18</b>	<b>28-10-2019 To 01-11-2019</b>		<b>Study Leave</b>
			<b>Study Leave</b>
		<b>30 Oct</b>	<b>University Exam Begin</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>18</b>
<b>Hours per Week:</b>	<b>1</b>
<b>Name of Faculty:</b>	<b>Sr Leema Rose</b>

### **Objective: -**

- 1: Understand the basics of effective communication and presentation.
- 2: Examine communication and presentation skills of self and others.
- 3: Implementation of positive communication in daily life.
- 4: 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 analyzed.

### **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**

No of Weeks	Dates	Session	Topic
1	01-07-2019 To 05-07-2019	1	Importance of effective communication skills in current scenario .Components of verbalcommunication
		3 July	<b>St. Thomas Day</b>
2	08-07-2019 To 12-07-2019	2	Non-verbal communication. Overcoming barriers of written,

No of Weeks	Dates	Session	Topic
3	15-07-2019 To 19-07-2019	3	Visual, formal and informal communications.
		4	Development of interpersonal communication s kills.
4	22-07-2019 To 26-07-2019	5	<i>Activities:</i> 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 analyzed.
		6	<b>Positive communication</b> Advantages of expression of positive communication: gratitude, appreciation,
5	29-07-2019 To 02-08-2019	7	
		31 July	<b>KarkadakaVavu</b>
		8	Forgiveness and assertiveness. Strategies and management of communication
6	05-08-2019 To 09-08-2019	9	Skills. Essentiality of sensible communication skills in psychology career.
		10	<i>Activities:</i> Each student can narrate any incidence that struck in their life using positive communication
7	12-08-2019 To 16-08-2019	11	<b>Presentation skills</b> Types and use of audio- visual aids in effective presentation. Do's and Don'ts of PowerPoint presentation.
		15 Aug	<b>Independence day</b>
		12	Factors to follow in an active group presentation.
8	19-08-2019 To 23-08-2019	13	Benefits of structured presentation, Highlights of understanding the audience needs.
		23 Aug	<b>SreekrishnaJayanthi</b>
9	26-08-2019 To 30-08-2019	26 Aug	<b>First Internal Exam</b>
			<b>First Internal Exam</b>
		28 Aug	<b>AyyankaliJayanthi</b>
			<b>First Internal Exam</b>
			<b>First Internal Exam</b>
10	02-09-2019 To 06-09-2019		<b>First Internal Exam</b>
		14	<i>Activities:</i> 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.

No of Weeks	Dates	Session	Topic
			Onam Celebration
<b>11</b>	<b>09-09-2019 To 13-09-2019</b>		<b>Muharram</b>
			<b>First Onam</b>
			<b>Thiruvonam</b>
			<b>Third Onam</b>
			<b>Fourth Onam - SreeNarayana Guru Jayanthi</b>
<b>12</b>	<b>16-09-2019 To 20-09-2019</b>	15	Revision
<b>13</b>	<b>23-09-2019 To 27-09-2019</b>	16	Revision
<b>14</b>	<b>30-09-2019 To 04-10-2019</b>	2 Oct	<b>Gandhi Jayanthi</b>
		17	Revision
<b>15</b>	<b>07-10-2019 To 11-10-2019</b>	07 Oct	<b>Mahanavami</b>
		08 Oct	<b>Vijayadashami</b>
		18	<b>Class test</b>
<b>16</b>	<b>14-10-2019 To 18-10-2019</b>	14 Oct	<b>Second Internal</b>
			<b>Second Internal</b>
			<b>Second Internal</b>
			<b>Second Internal</b>
			<b>Second Internal</b>
<b>17</b>	<b>21-10-2019 To 25-10-2019</b>		<b>Study Leave</b>
			<b>Study Leave</b>
			<b>Study Leave</b>
			<b>Study Leave</b>
			<b>Study Leave</b>
<b>18</b>	<b>28-10-2019 To 01-11-2019</b>		<b>Study Leave</b>
			<b>Study Leave</b>
		30 Oct	<b>University Exam Begin</b>

<b>Subject Code:</b>	<b>1C 01 PSY</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 Faculty:</b>	<b>Sr. Leema Jacob</b>

**Objective: -**

- 1: Understand the basic human body functioning
- 2: Acquire knowledge regarding physiology of cardiovascular, respiratory, digestive and excretory systems
- 3: Analyse the human body's protective mechanism and survival system
- 4: 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 deadspace 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 reabsorption, tubular secretion & 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	01-07-2019 To 05-07-2019	1	Syllabus introduction
		2	<b>Cell Physiology</b> The cell- structure and function,
		3 July	<b>St. Thomas Day</b>
		3	Types of cell: muscle cells
		4	Epithelial cells
		5	Skeletal skeletons
2	08-07-2019 To 12-07-2019	6	Cardiac muscle, smooth muscle
		7	connective tissue & muscle
		8	<b>The Blood and Cardiovascular system</b> Functions of blood
		9	Composition of blood
		10	Blood cells- RBC (erythrocytes), WBC(Leucocytes)
		11	Thrombocytes or platelets, heart- structure and function
3	15-07-2019 To 19-07-2019	12	The cardiaccycle
		13	Methods of recording blood pressure
		14	Blood pressure & pulse- determinants of arterial blood pressure
		15	<b>Revision</b>
		16	<b>Class test</b>
		17	<b>Respiratory system</b> The respiratory organ- nose
4	22-07-2019 To 26-07-2019	18	Pharynx, larynx
		19	Trachea, bronchi,
		20	Bronchioles, Pulmonary alveoli
		21	Subdivision of lung air - lung volume
		22	Gaseous exchange & transport of Oxygen & Carbon dioxide
		23	Lung capacities and dead space air.
5	29-07-2019 To	24	<b>Revision</b>
		25	Class test
		26	<b>Digestive &amp; Excretory system</b> Digestive system:



No of Weeks	Dates	Session	Topic
	<b>02-08-2019</b>	27	Structure and function of alimentary canal
		<b>31 July</b>	<b>KarkadakaVavu</b>
		28	Mouth, salivary glands
		29	Pharynx, esophagus, stomach
		30	Small and large intestine, rectum
<b>6</b>	<b>05-08-2019 To 09-08-2019</b>	31	Pancreas, liver,
		32	Digestion and intestinal absorption.
		33	Excretory system:- The kidney- renal sinus
		34	Medulla, cortex
		35	Uriferous tubules
		36	Nephron, renal capsule
		37	Proximal convoluted tubules
<b>7</b>	<b>12-08-2019 To 16-08-2019</b>	38	Loop of Henle
		39	Juxtaglomerular
		<b>15 Aug</b>	<b>Independence day</b>
		40	Blood supply of the kidney
		41	Urine formation
		42	Distal convoluted tubule
<b>8</b>	<b>19-08-2019 To 23-08-2019</b>	43	Collecting tubule
		44	Glomerular filtration
		45	<b>Revision</b>
		46	tubular re absorption, tubular recreation & tubular synthesis
		47	tubular re absorption
		<b>23 Aug</b>	<b>SreekrishnaJayanthi</b>
<b>9</b>	<b>26-08-2019 To 30-08-2019</b>	<b>26 Aug</b>	<b>First Internal Exam</b>
			<b>First Internal Exam</b>
		<b>28 Aug</b>	<b>AyyankaliJayanthi</b>
			<b>First Internal Exam</b>
			<b>First Internal Exam</b>
			<b>First Internal Exam</b>
<b>10</b>	<b>02-09-2019 To 06-09-2019</b>		<b>First Internal Exam</b>
		48	Tubular recreation
		49	Tubular synthesis
		50	<b>Revision</b>
<b>11</b>	<b>09-09-2019</b>		<b>Muharram</b>
			<b>First Onam</b>

No of Weeks	Dates	Session	Topic
	To 13-09-2019		Thiruvonam
			Third Onam
			Fourth Onam - SreeNarayana Guru Jayanthi
12	16-09-2019 To 20-09-2019	51	Revision
		52	Class test
		53	Protection and Survival Skin –anatomy of the skin
		54	Skin colour- melanin
		55	Cartene, heamoglobin
		56	Abnormalcolour-cyanosis
13	23-09-2019 To 27-09-2019	57	Jaundice, hemochromatiosis.
		58	Skin appendages- glands
		59	Sweat gland
		60	Eccrinesweat glands
		61	Apocrine sweat glands
		62	Ceruminous sweat glands
14	30-09-2019 To 04-10-2019	63	Mammary glands
		64	Sebaceousglands
		2 Oct	Gandhi Jayanthi
		65	Hair, nail.
		66	Immune system – natural or innate,
		67	Acquired or adaptive
		68	Reproductive system- structure and function of male and female reproductive system
15	07-10-2019 To 11-10-2019	07 Oct	Mahanavami
		08 Oct	Vijayadashami
		69	Menstrual cycle
		70	Testicular function
		71	Revision
		72	Class test
16	14-10-2019 To 18-10-2019	14 Oct	Second Internal
			Second Internal
			Second Internal
			Second Internal
			Second Internal
			Second Internal
17	21-10-2019		Study Leave
			Study Leave

No of Weeks	Dates	Session	Topic
	<b>To</b> <b>25-10-2019</b>		<b>Study Leave</b>
			<b>Study Leave</b>
			<b>Study Leave</b>
<b>18</b>	<b>28-10-2019</b> <b>To</b> <b>01-11-2019</b>		<b>Study Leave</b>
			<b>Study Leave</b>
		<b>30 Oct</b>	<b>University Exam Begin</b>

<b>Subject Code:</b>	<b>1C01 STA</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 Faculty:</b>	<b>Arun das</b>

**Objective: -**

- 1: understand the elementary concept in statistics.
- 2: compute various measures of central tendency
- 3: compute various measures of dispersion
- 4: acquire knowledge in sampling theory.

**Unit I:**

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 II:**

Measures of central tendency: Basic concepts, various measures – mean, median, mode, geometric mean, harmonic mean, weighted mean, quartiles and simple numerical problems.

**Unit III:**

Measures of dispersion and moments- Absolute and relative measures of dispersion, range, mean deviation quartile deviation, standard deviation, coefficient of variation, Moments- Raw moments, central moments (Definition only); Skewness and Kurtosis- Definition and various measures with simple numerical problems.

**Unit IV:**

Elementary sampling procedures: Concept of population, sample, census and sample surveys, advantages of sampling and limitations; Sampling methods - sampling unit, sampling frame, sampling and non-sampling errors, probability sampling and judgment 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, Sultan Chand and Sons
2. S.C Gupta and V.K. Kapoor: Fundamentals of Applied Statistics, Sultan Chand and Sons

**Books for Reference:**

1. Rogger Till: Statistical methods for the earth scientists- An Introduction: Mc Millan.
2. John Silk: Statistical concepts in Geography, George Allan and Unwin
3. Prem S Mann : Introductory Statistics 5th Edition, Wiley

## **TEACHING SCHEDULE**

No of Weeks	Dates	Session	Topic
1	01-07-2019 To 05-07-2019	1	Introduction to statistics
		2	Data Presentation: Collection of data
		3 July	<b>St. Thomas Day</b>
		3	Primary data
		4	Secondary data
		5	Raw data
2	08-07-2019 To 12-07-2019	6	Seminar
		7	Seminar
		8	Frequency distribution-discrete
		9	Frequency distribution-discrete
		10	Frequency distribution continuous
		11	Frequency distribution continuous
3	15-07-2019 To 19-07-2019	12	Class test
		13	Line diagram
		14	Bar diagram
		15	Subdivided bar diagram
		16	Histogram
		17	Frequency curve
4	22-07-2019 To 26-07-2019	18	frequency polygon Pie diagram
		19	Measures of central tendency
		20	Arithmetic mean
		21	Simple and weighted arithmetic mean
		22	Properties of arithmetic mean
		23	Median
5	29-07-2019 To 02-08-2019	24	Median-grouped frequency
		25	Properties of median
		26	Mode
		27	Geometric mean
		31 July	<b>KarkadakaVavu</b>
		28	Harmonic mean
6	05-08-2019 To 09-08-2019	29	Weighted mean
		30	Percentiles and deciles
		31	Quartiles
		32	Simple numerical problems
		33	Simple numerical problems
		34	Class test

No of Weeks	Dates	Session	Topic
		35	Absolute and relative measures of dispersion – introduction
		36	Range
		37	Mean deviation
7	12-08-2019 To 16-08-2019	38	Mean deviation
		39	Quartile deviation
		15 Aug	Independence day
		40	Coefficient of variation
		41	Coefficient of variation
		42	Raw moments
8	19-08-2019 To 23-08-2019	43	Central moments
		44	Class test
		45	Relationship between raw and central moment
		46	Skewness
		47	Skewness
		23 Aug	SreekrishnaJayanthi
9	26-08-2019 To 30-08-2019	26 Aug	First Internal Exam
			First Internal Exam
		28 Aug	AyyankaliJayanthi
			First Internal Exam
			First Internal Exam
			First Internal Exam
10	02-09-2019 To 06-09-2019		First Internal Exam
		48	Skewness
		49	Kurtosis
		50	Kurtosis
		Onam Celebration	
11	09-09-2019 To 13-09-2019		Muharram
			First Onam
			Thiruvonam
			Third Onam
			Fourth Onam - SreeNarayana Guru Jayanthi
12	16-09-2019 To 20-09-2019	51	seminar
		52	seminar
		53	seminar
		54	simple numerical problems
		55	simple numerical problems
		56	Class test
13	23-09-2019	57	Elementary sampling procedures:introduction

No of Weeks	Dates	Session	Topic
	<b>To</b> <b>27-09-2019</b>	58	Concept of population
		59	Concept of sample
		60	Census and sample surveys
		61	Census and sample surveys
		62	Advantages of sampling and limitations
<b>14</b>	<b>30-09-2019</b> <b>To</b> <b>04-10-2019</b>	63	Advantages of sampling and limitations
		64	Seminar
		<b>2 Oct</b>	<b>Gandhi Jayanthi</b>
		65	Sampling methods -sampling unit, sampling frame
		66	Sampling methods -sampling unit, sampling frame
		67	sampling and non-sampling errors
		68	sampling and non-sampling errors
<b>15</b>	<b>07-10-2019</b> <b>To</b> <b>11-10-2019</b>	<b>07 Oct</b>	<b>Mahanavami</b>
		<b>08 Oct</b>	<b>Vijayadashami</b>
		69	Probability sampling and judgment sampling
		70	Simple random sampling
		71	Systematic sampling
		72	Stratified sampling
<b>16</b>	<b>14-10-2019</b> <b>To</b> <b>18-10-2019</b>	<b>14 Oct</b>	<b>Second Internal</b>
			<b>Second Internal</b>
			<b>Second Internal</b>
			<b>Second Internal</b>
			<b>Second Internal</b>
			<b>Second Internal</b>
<b>17</b>	<b>21-10-2019</b> <b>To</b> <b>25-10-2019</b>		<b>Study Leave</b>
			<b>Study Leave</b>
			<b>Study Leave</b>
			<b>Study Leave</b>
			<b>Study Leave</b>
<b>18</b>	<b>28-10-2019</b> <b>To</b> <b>01-11-2019</b>		<b>Study Leave</b>
			<b>Study Leave</b>
		<b>30 Oct</b>	<b>University Exam Begin</b>