

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 - II

ACADEMIC YEAR - (2019-20)

II Semester BSc Psychology (2019 - 22)

| SL. No. | Name of Subjects with Code | Name of the Teacher | Duty Hours per week |
|---------|--|--------------------------------|---------------------|
| 1. | 2A03 ENG Readings on Life and Nature | Abhirami C.V. | 5 |
| 2. | 2A04 ENG Readings on Gender | Sr. Mercy Thomas | 4 |
| 3. | 2A08 MAL Kavitha Mathrukakal | Vineesh T.K. | 4 |
| 4. | 2A08 HIN Rachana Thatha Prayog | Rabina V. | |
| 5. | 2B03PSY Cognitive Process | Athira Alex | 3 |
| 6. | 2B04PSY Self Development Practices-Practical | Sr. Leema Jacob | 1 |
| 7. | 2C02STA Statistical Methods | Fathimathul Nithasha Beegam I. | 4 |
| 8. | 2 C 02 PSY Physiological Psychology | Sr. Leema Jacob | 4 |
| | Name of Class Incharge | Sr. Leema Jacob | |

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 | 2A08 MAL Kavitha Mathrukakal/ 2A08 HIN Rachana Thatha Prayog | 2C02STA Statistical Methods | 2A03 ENG Readings on Life and Nature | 2B03PSY Cognitive Process | 2A04 ENG Readings on Gender |
| 2 | 2A04 ENG Readings on Gender | 2A03 ENG Readings on Life and Nature | 2C02STA Statistical Methods | 2C02 PSY Physiological Psychology | 2A08 MAL Kavitha Mathrukakal/ 2A08 HIN Rachana Thatha Prayog |
| 3 | 2A03 ENG Readings on Life and Nature | 2C02STA Statistical Methods | 2A04 ENG Readings on Gender | 2C02 PSY Physiological Psychology | 2A08 MAL Kavitha Mathrukakal/ 2A08 HIN Rachana Thatha Prayog |
| 4 | 2A03 ENG Readings on Life and Nature | 2C02 PSY Physiological Psychology | 2A08 MAL Kavitha Mathrukakal/ 2A08 HIN Rachana Thatha Prayog | 2C02STA Statistical Methods | 2B03PSY Cognitive Process |
| 5 | 2C02 PSY Physiological Psychology | 2B03PSY Cognitive Process | 2C02 PSY Physiological Psychology | 2A04 ENG Readings on Gender | 2A03 ENG Readings on Life and Nature |

| | |
|------------------------------|------------------------------------|
| Subject Code: | 2A03 ENG |
| Subject Name: | Readings on Life and Nature |
| No. of Credits: | 4 |
| No. of Contact Hours: | 90 |
| Hours per Week: | 5 |
| Name of the Teacher: | Abhirami C.V. |

Objective: -

1. Understand the basic themes and issues related to ecology through articles, poems, stories, life writings, and historical narratives.
2. Assume ecologically friendly attitudes in events related to everyday life.
3. Identify the specific ecological problems related to Kerala.
4. Identify the major ecological movements around the world and within the country.
5. Ability to express specific opinions when confronted with ecology/development binary.
6. Identify the major or minor ecological issues happening around the students' native place.

Module –I:

1. Environmental Studies: Definition, Scope and Importance
2. Concept of an Ecosystem
3. The Fish – Elizabeth Bishop
4. Trophic Cascade – Camille T. Dungy
5. The Rightful inheritors of the Earth – Vaikom Muhammad Basheer

Module – II:

1. Biodiversity
2. Disaster Management: Floods, Earthquakes, Cyclones, Landslides
3. Real Estate – Sebastian
4. The Truth about the Floods – Nissim Ezekiel
5. Matsyagandhi – M Sajitha

Module – III:

1. Role of an Individual in Prevention of Pollution
2. Environmental Values
3. The End of Living – The Beginning of Survival: Chief of Seattle
4. Going Local – Helena Norberg-Hodge

Assignment Topics

1. Document the list of products we use in our daily life that could have originated from a forest ecosystem.
2. Identify the different fish that the local fishermen have caught. Find out from them if the fish catch has decreased, remained the same, or has increased during the last decade or two.

3. Prepare a report on a flood affected area with details on how it happened, the people's reactions, and the steps to be taken to prevent it in the future.
4. Highlight the environmental health hazards caused by e-waste.
5. Prepare a report on how globalization and liberalization affected coconut/rubber/cardamom farmers in Kerala. Make a field study for any one of the farming sector and document it.
6. Impact of globalization on the local economies.
7. Sustainable development is the only way forward.
8. Identify a river nearby and provide a historical profile of and the changes in its environmental status over the years by talking to the local people.
9. Are the natural resources overused due to the number of people that depend on it, or the greed of a few, or both?
10. List out the products you use in your daily life from a grassland ecosystem.
11. Document the environmental assets in your neighbourhood.
12. "Linking of Indian Rivers" – Your comment on it.
13. Corporate Hijack of Agriculture – Prepare a report.
14. Plastic Pollution in your surroundings.
15. Air pollution in your village/town/city.

People in Environment

Ralph Emerson
 Henry Thoreau
 John Muir
 Edward Abbey
 Annie Dillard
 Leslie Marmon Silko
 Aldo Leopold
 Rachel Carson
 E O Wilson
 Salim Ali
 Madhav Gadgil
 M C Mehta
 Anil Agarwal
 Medha Patkar
 Sunderlal Bahuguna
 Kallen Pokkudan
 Sugathakumari
 Vandana Shiva
 Sunita Narain
 Greta Thunberg

Major environmental movements in India

Chipko Movement
 Jungle Bachao Andholan
 Narmada Bachao Andholan
 Silent Valley Movement

Prescribed Textbook

Nature Matters: Readings on Life and Nature, Board of Editors. MainSpring Publishers, 2019.

Environmental Literature for Further Reference

1. Pilgrim at Tender Creek – Annie Dillard, 1975.
2. Walden – Henry David Thoreau, 1854
3. Under the Sea Wind – Rachel Carson, 1941.
4. Silent Spring – Rachel Carson, 1962.
5. Small is Beautiful – E F Schumacher
6. Earth Policy Reader – Lester R Brown
7. Eco Economy – Lester R Brown
8. No Logo – Naomi Klein
9. Desert Solitaire – Edward Abbey, 1968
10. Biophilia – E O Wilson
11. The Biodiversity of India – Erach Barucha
12. Down to Earth – Centre for Science and Environment
13. Water in Crisis – H P Gleick
14. Global Biodiversity Assessment – Heywood & Waston, 1995
15. The Call of the Wild – Jack London, 1903
16. I am not a Plastic Bag – Rahel Hope, 2012
17. The Great Derangement – Amitav Ghosh
18. The End of Food – Paul Roberts, 2008
19. The End of Oil – Paul Roberts
20. The World Without Us – Alan Weisman, 2008
21. The One-Straw Revolution – Fukuoka, 2009
22. The End of Nature – Bill McKibben, 1989
23. The Good Earth – Pearl S Buck, 2005
24. Carbon – Daniel Boyd, 2014.
25. Peak – Roland Smith, 2007
26. The Tomorrow Code – Brian Falkner, 2008.
27. The Water Wars – Cameron Stracher, 2011
28. Fast Food Nation – Eric Schlosser, 2001
29. Last Child in the Woods – Richard Louv, 2005

Web Resources on Environment

www.earth-policy.org

www.corecentre.co.in – fact sheet on air pollution

www.dialcomfort.com – online guide to air pollution

www.sciencemuseum.org.uk

www.tedtalk.com

TEACHING SCHEDULE

| No of Weeks | Dates | Session | Topic |
|-------------|--------------------------------|---------|--|
| 1 | 18-11-2019 To 23-11-2019 | 1 | Introduction to the syllabus |
| | | 19 Nov | Union Inauguration |
| | | 2 | Environmental Studies: Definition, Scope and Importance |
| | | 3 | Environmental Studies: Definition, Scope and Importance |
| | | 4 | Environmental Studies: Definition, Scope and Importance |
| | | 5 | Group Discussion |
| | | 23 Nov | Sports Day |
| 2 | 25-11-2019 To 29-11-2019 | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| 3 | 01-12-2019 To 05-12-2019 | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| 4 | 09-12-2019 To 13-12-2019 | 6 | The Rightful inheritors of the Earth – Vaikom Muhammad Basheer |
| | | 7 | The Rightful inheritors of the Earth – Vaikom Muhammad Basheer |
| | | 8 | The Rightful inheritors of the Earth – Vaikom Muhammad Basheer |
| | | 9 | Concept of an Ecosystem |
| | | 10 | Concept of an Ecosystem |
| | | 11 | Class Test |
| | | 12 Dec | Arts Day |
| | | 13 Dec | Arts Day |
| 5 | 16-12-2019 | 12 | The Fish – Elizabeth Bishop |

| No of Weeks | Dates | Session | Topic |
|-------------|---|---------------|--|
| | To 20-12-2019 | 13 | The Fish – Elizabeth Bishop |
| | | 14 | The Fish – Elizabeth Bishop |
| | | 15 | Trophic Cascade – Camille T. Dungy |
| | | 16 | Trophic Cascade – Camille T. Dungy |
| | | 20 Dec | Christmas Celebration |
| 6 | 23-12-2019 To 28-12-2019 | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| 7 | 30-12-2019 To 03-01-2020 | 17 | Seminar |
| | | 18 | Seminar |
| | | 19 | Seminar |
| | | 20 | Seminar |
| | | 21 | Seminar |
| | | 02 Jan | Mannam Jayanthi – Holiday |
| | | 22 | Biodiversity |
| 8 | 06-01-2020 To 10-01-2020 | 23 | Biodiversity |
| | | 24 | Biodiversity |
| | | 25 | Class Test |
| | | 26 | Disaster Management: Floods, Earthquakes, Cyclones, Landslides |
| | | 27 | Disaster Management: Floods, Earthquakes, Cyclones, Landslides |
| | | 28 | Disaster Management: Floods, Earthquakes, Cyclones, Landslides |
| | | 29 | Disaster Management: Floods, Earthquakes, Cyclones, Landslides |
| | | 30 | Group Discussion |
| | | 9 | 13-01-2020 To 17-01-2020 |
| 32 | Real Estate – Sebastian | | |
| 33 | The Truth about the Floods – Nissim Ezekiel | | |
| 34 | The Truth about the Floods – Nissim Ezekiel | | |
| 35 | The Truth about the Floods – Nissim Ezekiel | | |
| 36 | Matsyagandhi – M Sajitha | | |
| 37 | Matsyagandhi – M Sajitha | | |

| No of Weeks | Dates | Session | Topic |
|-------------|--------------------------------|---------|--|
| | | 38 | Matsyagandhi – M Sajitha |
| | | 39 | Matsyagandhi – M Sajitha |
| 10 | 20-01-2020 To 24-01-2020 | 20 Jan | First Internal II Semester UG |
| | | | First Internal II Semester UG |
| | | 22 Jan | First Internal II Semester UG |
| | | 40 | Role of an Individual in Prevention of Pollution |
| | | 41 | Role of an Individual in Prevention of Pollution |
| | | 42 | Seminar |
| | | 43 | Seminar |
| | | 44 | Seminar |
| 11 | 27-01-2020 To 31-01-2020 | 45 | Seminar |
| | | 46 | Environmental Values |
| | | 47 | Environmental Values |
| | | 48 | Environmental Values |
| | | 49 | Class Test |
| | | 50 | The End of Living – The Beginning of Survival: Chief of Seattle |
| | | 51 | The End of Living – The Beginning of Survival: Chief of Seattle |
| 12 | 03-02-2020 To 07-02-2020 | 52 | The End of Living – The Beginning of Survival: Chief of Seattle |
| | | 53 | The End of Living – The Beginning of Survival: Chief of Seattle |
| | | 54 | Assignment |
| | | 55 | Going Local – Helena Norberg-Hodge |
| | | 56 | Going Local – Helena Norberg-Hodge |
| | | 57 | Going Local – Helena Norberg-Hodge |
| 13 | 10-02-2020 To 14-02-2020 | 58 | Class Test |
| | | 59 | Ralph Emerson Henry Thoreau John Muir |
| | | 60 | People in Environment Ralph Emerson Henry Thoreau John Muir |
| | | 61 | Edward Abbey Annie Dillard Leslie Marmon Silko |
| | | 62 | Edward Abbey Annie Dillard Leslie Marmon Silko |

| No of Weeks | Dates | Session | Topic |
|-------------|--------------------------------|---------|---|
| | | 63 | Aldo Leopald Rachel Carson E O Wilson |
| 14 | 17-02-2020 To 22-02-2020 | 64 | Aldo Leopald Rachel Carson E O Wilson |
| | | 65 | Salim Ali Madhav Gadgil M C Mehta |
| | | 66 | Salim Ali Madhav Gadgil M C Mehta |
| | | 21 Feb | Mahasivaratri – Holiday |
| | | 67 | Group Discussion |
| 15 | 24-02-2020 To 28-02-2020 | 24 Feb | College Day |
| | | 68 | Anil Agarwal Medha Patkar Sunderlal Bahuguna |
| | | 69 | Anil Agarwal Medha Patkar Sunderlal Bahuguna |
| | | 70 | Kallen Pokkudan Sugathakumari Vandana Shiva |
| | | 71 | Kallen Pokkudan Sugathakumari Vandana Shiva |
| | | 72 | Sunita Narain Greta Thunberg |
| 16 | 02-03-2020 To 07-03-2020 | 73 | Sunita Narain Greta Thunberg |
| | | 74 | Assignment |
| | | 75 | Assignment |
| | | 76 | Assignment |
| | | 77 | Major environmental movements in India Chipko Movement |
| 17 | 09-03-2020 To 13-03-2020 | 78 | Chipko Movement |
| | | 79 | Jungle Bachao Andholan |
| | | 80 | Jungle Bachao Andholan |
| | | 81 | Narmada Bachao Andholan |
| | | 82 | Narmada Bachao Andholan |
| | | 83 | Silent Valley Movement |

| No of Weeks | Dates | Session | Topic |
|-------------|--------------------------------|----------|--------------------------------------|
| | | 84 | Silent Valley Movement |
| 18 | 16-03-2020 To 20-03-2020 | 85 | Question Paper Discussion |
| | | 86 | Question Paper Discussion |
| | | 87 | Question Paper Discussion |
| | | 88 | Revision |
| | | 89 | Revision |
| | | 90 | Revision |
| 19 | 23-03-2020 To 27-03-2020 | 23 Mar | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| 20 | 30-03-2020 To 03-04-2020 | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| 21 | 06-04-2020 | 06 April | University Exam II Semester UG Begin |

| | |
|------------------------------|---------------------------|
| Subject Code: | 2A04 ENG |
| Subject Name: | Readings on Gender |
| No. of Credits: | 3 |
| No. of Contact Hours: | 72 |
| Hours per Week: | 4 |
| Name of the Teacher: | Sr. Mercy Thomas |

Objective:

To understand the basic gender issues faced by Kerala through articles, poems, stories, life writings and historical narratives.

Module I:

1. An Introduction - Kamala Das
2. Kitchen Rags - Vijila
3. Daskshayani Velayudhan - A Biographical Sketch – Meera Velayudhan
4. Learning to be a Mother - Shashi Deshpande
5. Is this Desirable? - Lalithambika Antharjanam

Module II:

1. Still I Rise - Maya Angelou
2. I Am Not That Woman - Kishwar Naheed
3. Structural Violence and the Trans Struggle for Dignity – Gee Imaan Semmalar
4. Gender Justice and the Media - Ammu Joseph
5. Clothing Matters: Visiting the Melmundusamaram in Keralam - Sheeba K M

Prescribed Textbook; Plural perspectives:

Readings on Gender by Rakhi Raghavan

TEACHING SCHEDULE

| No of Weeks | Dates | Session | Topic |
|-------------|--------------------------------|---------|------------------------------|
| 1 | 18-11-2019 To 23-11-2019 | 1 | An Introduction - Kamala Das |
| | | 19 Nov | Union Inauguration |
| | | 2 | An Introduction - Kamala Das |
| | | 3 | An Introduction - Kamala Das |
| | | 4 | An Introduction - Kamala Das |
| | | 5 | An Introduction - Kamala Das |
| | | 23 Nov | Sports Day |
| 2 | 25-11-2019 To 29-11-2019 | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| 3 | 01-12-2019 To 05-12-2019 | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| 4 | 09-12-2019 To 13-12-2019 | 6 | An Introduction - Kamala Das |
| | | 7 | Assignment |
| | | 8 | Class Test |
| | | 9 | Kitchen Rags- |
| | | 10 | Kitchen Rags |
| | | 11 | Kitchen Rags |
| | | 12 Dec | Arts Day |
| | | 13 Dec | Arts Day |
| 5 | 16-12-2019 To | 12 | Kitchen Rags |
| | | 13 | Assignment |
| | | 14 | Revision |

| No of Weeks | Dates | Session | Topic |
|-------------|---|---------------|--|
| | 20-12-2019 | 15 | Class Test |
| | | 20 Dec | Christmas Celebration |
| 6 | 23-12-2019 To 28-12-2019 | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| 7 | 30-12-2019 To 03-01-2020 | 16 | Daskshayani Velayudhan - A Biographical Sketch |
| | | 17 | Daskshayani Velayudhan - A Biographical Sketch |
| | | 18 | Daskshayani Velayudhan - A Biographical Sketch |
| | | 19 | Daskshayani Velayudhan - A Biographical Sketch |
| | | 02 Jan | Mannam Jayanthi – Holiday |
| | | 20 | Daskshayani Velayudhan - A Biographical Sketch |
| 8 | 06-01-2020 To 10-01-2020 | 21 | Assignment |
| | | 22 | Class Test |
| | | 23 | Learning to be a Mother |
| | | 24 | Learning to be a Mother |
| | | 25 | Learning to be a Mother |
| | | 26 | Learning to be a Mother |
| 9 | 13-01-2020 To 17-01-2020 | 27 | Assignment |
| | | 28 | Class Test |
| | | 29 | Is this Desirable? |
| | | 30 | Is this Desirable? |
| | | 31 | Is this Desirable? |
| | | 32 | Is this Desirable? |
| 10 | 20-01-2020 To 24-01-2020 | 20 Jan | First Internal II Semester UG |
| | | | First Internal II Semester UG |
| | | 22 Jan | First Internal II Semester UG |
| | | 33 | Is this Desirable? |
| | | 34 | Is this Desirable? |
| | | 35 | Assignment |
| 11 | 27-01-2020 To 31-01-2020 | 36 | Class Test |
| | | 37 | I Am Not That Woman |
| | | 38 | I Am Not That Woman |
| | | 39 | I Am Not That Woman |
| | | 40 | I Am Not That Woman |

| No of Weeks | Dates | Session | Topic |
|-------------|--------------------------------|---------|--|
| 12 | 03-02-2020 To 07-02-2020 | 41 | I Am Not That Woman |
| | | 42 | Assignment |
| | | 43 | Seminar |
| | | 44 | Class Test |
| | | 45 | Structural Violence and the Trans Struggle for Dignity |
| 13 | 10-02-2020 To 14-02-2020 | 46 | Structural Violence and the Trans Struggle for Dignity |
| | | 47 | Structural Violence and the Trans Struggle for Dignity |
| | | 48 | Structural Violence and the Trans Struggle for Dignity |
| | | 49 | Structural Violence and the Trans Struggle for Dignity |
| 14 | 17-02-2020 To 22-02-2020 | 50 | Seminar |
| | | 51 | Class Test |
| | | 52 | Gender Justice and the Media |
| | | 21 Feb | Gender Justice and the Media |
| | | 53 | Mahasivaratri – Holiday |
| 15 | 24-02-2020 To 28-02-2020 | 24 Feb | Gender Justice and the Media |
| | | 54 | College Day |
| | | 55 | Gender Justice and the Media |
| | | 56 | Gender Justice and the Media |
| | | 57 | Gender Justice and the Media |
| 16 | 02-03-2020 To 07-03-2020 | 58 | Assignment |
| | | 59 | Seminar |
| | | 60 | Class Test |
| | | 61 | Clothing Matters: Visiting the Melmundusamaram in Kerala |
| | | 62 | Clothing Matters: Visiting the Melmundusamaram in Kerala |
| 17 | 09-03-2020 To 13-03-2020 | 63 | Clothing Matters: Visiting the Melmundusamaram in Kerala |
| | | 64 | Clothing Matters: Visiting the Melmundusamaram in Kerala |
| | | 65 | Clothing Matters: Visiting the Melmundusamaram in Kerala |
| | | 66 | Clothing Matters: Visiting the Melmundusamaram in Kerala |
| | | 67 | Clothing Matters: Visiting the Melmundusamaram in Kerala |
| 18 | 16-03-2020 To | 68 | Assignment |
| | | 69 | Class Test |
| | | 70 | Revision |

| No of Weeks | Dates | Session | Topic |
|-------------|---|-----------------|---|
| | 20-03-2020 | 71 | Revision |
| | | 72 | Revision |
| 19 | 23-03-2020 To 27-03-2020 | 23 Mar | |
| | | | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| 20 | 30-03-2020 To 03-04-2020 | | Second Internal II Semester UG |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| 21 | 06-04-2020 | 06 April | Study Leave |
| | | | University Exam II Semester UG Begin |

| | |
|------------------------------|--------------------------|
| Subject Code: | 2B 03 PSY |
| Subject Name: | Cognitive Process |
| No. of Credits: | 3 |
| No. of Contact Hours: | 54 |
| Hours per Week: | 3 |
| Name of the Teacher: | Athira Alex |

Objective: -

- 1: Define attention, sensation, perception, thought, language and consciousness
- 2: Understand models of attention and theories of language
- 3: Apply the principles of cognition for self-development
- 4: Differentiate between automatic processing and controlled processing
- 5: Analyze the laws of sensation and perception

Module –I:

Unit I: Attention

Attention- concept and definition, Factors affecting attention, span of attention, distraction of attention, division of attention, selective attention, shifting of attention. Models of attention filter theory, attenuation theory, late selection theory, multimode theory, capacity and mental effort; schema theory.

Module – II:

Unit II: Sensation and Perception.

Sensation and Psycho physics: definition, concepts- absolute threshold. Difference threshold- Weber’s law, Fechner’s law, signal detection theory, subliminal perception. Methods- method of limit, method of adjustment, method of constant stimuli. Gestalt principles- gestalt laws of perceptual organization, gestalt approach to figure ground segregation, Depth perception monocular cues – relative size, linear perspective, texture gradient, atmospheric perspective, interposition, motion parallax- binocular cues- convergence, retinal disparity. Visual illusion: Mullerlyer, Ponzo illusion, Ames room, the moon illusions and the Hermann grid. Extra sensory perception.

Module – III:

Unit III: Thought

Thinking: basic elements of thought-concepts, proposition, images. Types of concepts, functions of concepts. Thinking and creativity- stages. Problem solving- stages, methods: trial and error, algorithm, mean end analysis, analogy. Meta

cognitive processing. Reasoning: inductive and deductive reasoning. Decision making- judgment and heuristics-availability, representativeness, anchoring and adjustment. Sources of error- role of mood states, beliefs, confirmation bias, hindsight, functional fixedness, mental set.

Module – IV:

Unit IV: Language

Language: definition, Components of language development- phonological, semantic, syntax. Theories of language development- social learning, Chomsky, cognitive theory. Language and thought-how language connects to thought-Whorfian hypothesis.

Module – V:

Unit V: Consciousness

Definition, Continuum of consciousness, circadian rhythm, sleep- stages, dreams-theories, Altered states of consciousness- hypnosis, meditation, and drug induced.

Prescribed Textbook

1. Baron, R.A. (2013) Psychology. India: Dorling Kindersley.
2. Cicarelli, S.K., & Meyer. G. E. (2008). Psychology. New Delhi: Pearson Education
3. Weiten, B. (2011). Psychology: themes and variations. USA: Wardsworth.

Books for Reference

1. Myers, 2010 Psychology (9th ed.). New York: Worth publishers.
2. Galotti, K.M. (1990). Cognitive psychology in and out of the laboratory (2nd ed). Bangalore: Wadsworth publishing company.
3. Goldstein, E.B. (2008) Sensation and Perception. India: Cengage learning
4. Kellogg, R.T. (2003). Cognitive psychology (2nd ed.). India: sage publications
5. Plotnik, R & Kouyoumdjian, H (2008). Introduction to Psychology (9th ed.). USA: Cengage learning
6. Riegler, B.R, & Riegler, G.R. (2012). Cognitive Psychology: Applying the science of the mind (2nd ed.). India: Dorling Kindersely.
7. Hunt, R & Ellis. Fundamentals of cognitive psychology (7th ed.). Tata McGraw hill

TEACHING SCHEDULE

| No of Weeks | Dates | Session | Topic |
|-------------|--------------------------------|-------------------|---|
| 1 | 18-11-2019 To 23-11-2019 | 1 | Attention- concept and definition |
| | | 19 Nov | Union Inauguration |
| | | 2 | Factors affecting attention |
| | | 3 | Span of attention, distraction of attention, division of attention, selective attention, shifting of attention. |
| | | 4 | Models of attention, filter theory, attenuation theory, late selection theory, multimode theory |
| | 23 Nov | Sports Day | |
| 2 | 25-11-2019 To 29-11-2019 | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| 3 | 01-12-2019 To 05-12-2019 | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| 4 | 09-12-2019 To 13-12-2019 | 5 | Filter theory, attenuation theory, late selection theory, multimode theory |
| | | 6 | Filter theory, attenuation theory, late selection theory, multimode theory |
| | | 7 | Capacity and mental effort; schema theory. |
| | | 8 | Class test |
| | | 12 Dec | Arts Day |
| | | 13 Dec | Arts Day |
| 5 | 16-12-2019 To | 9 | Sensation and Psycho physics: definition, concepts absolute threshold. |
| | | 10 | Difference threshold- Weber's law, Fechner's law, signal |

| No of Weeks | Dates | Session | Topic |
|-------------|---|---------------|--|
| | 20-12-2019 | | detection theory, subliminal perception. |
| | | 11 | Difference threshold- Weber's law, Fechner's law, signal detection theory, subliminal perception. |
| | | 20 Dec | Christmas Celebration |
| 6 | 23-12-2019 To 28-12-2019 | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| 7 | 30-12-2019 To 03-01-2020 | 12 | Methods- method of limit, method of adjustment, method of constant stimuli. |
| | | 13 | Gestalt principles- gestalt laws of perceptual organization |
| | | 02 Jan | Mannam Jayanthi – Holiday |
| | | 14 | Gestalt principles- gestalt laws of perceptual organization |
| 8 | 06-01-2020 To 10-01-2020 | 15 | Gestalt approach to figure ground segregation |
| | | 16 | Gestalt approach to figure ground segregation |
| | | 17 | Depth perception monocular cues – relative size, linear perspective, texture gradient, atmospheric perspective, interposition, motion parallax |
| | | 18 | Depth perception binocular cues- convergence, retinal disparity. |
| 9 | 13-01-2020 To 17-01-2020 | 19 | Visual illusion Mullerlyer, Ponzo illusion, Ames room, the moon illusions and the Hermann Grid |
| | | 20 | Extra sensory perception. |
| | | 21 | Extra sensory perception. |
| | | 22 | Class test |
| 10 | 20-01-2020 To 24-01-2020 | 20 Jan | First Internal II Semester UG |
| | | | First Internal II Semester UG |
| | | 22 Jan | First Internal II Semester UG |
| | | 23 | Thinking: basic elements of thought-concepts, proposition, images. Types of concepts, functions of concepts. |
| 11 | 27-01-2020 To 31-01-2020 | 24 | Thinking and creativity- stages |
| | | 25 | Problem solving- stages, methods: trial and error, algorithm, mean end analysis, analogy. |
| | | 26 | Meta cognitive processing. |
| | | 27 | Reasoning inductive and deductive reasoning |
| 12 | 03-02-2020 | 28 | Decision making |

| No of Weeks | Dates | Session | Topic |
|-------------|---|---------------|---|
| | To 07-02-2020 | 29 | Judgment and heuristics-availability, representativeness, anchoring and adjustment |
| | | 30 | Sources of error- role of mood states, beliefs, confirmation bias, hindsight, functional fixedness, mental set. |
| | | 31 | Sources of error- role of mood states, beliefs, confirmation bias, hindsight, functional fixedness, mental set. |
| 13 | 10-02-2020 To 14-02-2020 | 32 | Class Test |
| | | 33 | Language: definition and characteristics |
| | | 34 | Components of language development- phonological, semantic, syntax. |
| | | 35 | Theories of language development- social learning, Chomsky, cognitive theory |
| 14 | 17-02-2020 To 22-02-2020 | 36 | Language and thought- how language connects to thought- Whorfian hypothesis. |
| | | 37 | Language and thought- how language connects to thought- Whorfian hypothesis. |
| | | 21 Feb | Mahasivaratri – Holiday |
| | | 38 | Class Test |
| 15 | 24-02-2020 To 28-02-2020 | 24 Feb | College Day |
| | | 39 | Definition of consciousness Altered states of consciousness- hypnosis, meditation, drug induced. |
| | | 40 | Continuum of consciousness, circadian rhythm |
| | | 41 | Continuum of consciousness, circadian rhythm |
| | | 42 | Sleep- stages |
| 16 | 02-03-2020 To 07-03-2020 | 43 | Sleep- stages |
| | | 44 | Sleep- disorder |
| | | 45 | Sleep- disorder |
| | | 46 | Altered states of consciousness- hypnosis |
| 17 | 09-03-2020 To 13-03-2020 | 47 | Altered states of consciousness- hypnosis |
| | | 48 | Dreams- theories |
| | | 49 | Dreams- theories |
| | | 50 | Meditation, drug induced State |
| 18 | 16-03-2020 To 20-03-2020 | 51 | Meditation, drug induced State |
| | | 52 | Revision |
| | | 53 | Revision |
| | | 54 | Revision |
| 19 | 23-03-2020 To | 23 Mar | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |

| No of Weeks | Dates | Session | Topic |
|-------------|---|-----------------|---|
| | 27-03-2020 | | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| 20 | 30-03-2020 To 03-04-2020 | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| 21 | 06-04-2020 | 06 April | University Exam II Semester UG Begin |

| | |
|------------------------------|---|
| Subject Code: | 2B 04 PSY |
| Subject Name: | Self Development Practices-Practical |
| No. of Credits: | 2 |
| No. of Contact Hours: | 18 |
| Hours per Week: | 1 |
| Name of the Teacher: | Sr. Leema Jacob |

Objective: -

1. Understand strategies for developing self
2. Identify the barriers for effective listening and interviewing skill
3. Apply theoretical knowledge to enhance listening skill, analytical skill and interviewing skill
4. Create a positive learning environment through eliminating stress by practicing relaxation exercises

Module –I:

Unit I :Listening skills

Differentiate listening and hearing in psychology profession. Characteristics of a dynamic listener. The process of active listening, receiving, attending, interpreting, responding; Steps in active listening; barriers to effective listening, tips for effective listening; Recognizing and overcoming listening obstacles. Critical listening.

Activity: Instruct the students to actively listen to the audio played narrating a story or situation. Evaluate their level of listening capacity ability of the student.

Module – II:

Unit II :Interviewing skill

Foundation of successful interviews. Appropriateness of various types of interviews. Managing interviews, obstacles in psychological interviews. Accurate interpretation of interviews. Goals and roles of psychological interviews in various settings.

Activity: Select a topic of interest under the supervision of the faculty and conduct the interview. Evaluation of the verbatim should be made assessing the interview skill of the students

Module – III:

Unit III: Simple Relaxation techniques

Meditation, pranayama, mindfulness relaxation, visualization.

Activity: Practice the simple relaxation exercises under the supervision and prepare

introspection report. Evaluation of the practice will be done based on the introspective report

Prescribed Textbook

1. Learmonth, L. (2016). An introduction to listening skills. USA: Lulu Press Inc
2. Evans, D. R., Hearn, M. T., Uhlemann, M. R., & Ivey, A. E. (2010). Essential
3. interviewing: A programmed approach to effective communication. USA: Cengage Learning
4. Baker, G. S. (2011). Fitly Spoken: Developing effective communication and social skills. Chandler, AZ: Brighton publishing LLC
5. Alidina, S. (2012). Relaxation for Dummies. England: John Wiley
6. Stephens, M. (2010). Teaching Yoga: Essential foundations and techniques. California: North Atlantic books

| No of Weeks | Dates | Session | Topic |
|-------------|--------------------------------|---------|---|
| 7 | 30-12-2019 To 03-01-2020 | 4 | Receiving, attending, interpreting, responding. |
| | | 02 Jan | Mannam Jayanthi – Holiday |
| 8 | 06-01-2020 To 10-01-2020 | 5 | Steps in active listening; barriers to effective listening, tips for effective listening; |
| | | 6 | Recognizing and overcoming listening obstacles. Critical listening. |
| 9 | 13-01-2020 To 17-01-2020 | 7 | Interviewing skill Foundation of successful interviews. Appropriateness of various types of interviews. |
| | | 8 | Managing interviews, obstacles in psychological interviews. |
| 10 | 20-01-2020 To 24-01-2020 | 20 Jan | First Internal II Semester UG |
| | | | First Internal II Semester UG |
| | | 22 Jan | First Internal II Semester UG |
| | | 9 | Accurate interpretation of interviews. |
| 11 | 27-01-2020 To 31-01-2020 | 10 | Goals and roles of psychological interviews in various settings |
| | | 11 | Meditation |
| 12 | 03-02-2020 To 07-02-2020 | 12 | Pranayama |
| 13 | 10-02-2020 To 14-02-2020 | 13 | Mindfulness relaxation |
| 14 | 17-02-2020 To 22-02-2020 | 21 Feb | Mahasivaratri – Holiday |
| | | 14 | Visualization. |
| 15 | 24-02-2020 To 28-02-2020 | 24 Feb | College Day |
| | | 15 | Activity: Practice the simple relaxation exercises under the supervision and prepare introspection report. Evaluation of the practice will be done based on the introspective report |

| No of Weeks | Dates | Session | Topic |
|-------------|--------------------------------|----------|---|
| 16 | 02-03-2020 To 07-03-2020 | 16 | Activity: Select a topic of interest under the supervision of the faculty and conduct the interview. Evaluation of the verbatim should be made assessing the interview skill of the students |
| 17 | 09-03-2020 To 13-03-2020 | 17 | Activity: Instruct the students to actively listen to the audio played narrating a story or situation. Evaluate their level of listening capacity ability of the student. |
| 18 | 16-03-2020 To 20-03-2020 | 18 | Revision |
| 19 | 23-03-2020 To 27-03-2020 | 23 Mar | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| 20 | 30-03-2020 To 03-04-2020 | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| 21 | 06-04-2020 | 06 April | University Exam II Semester UG Begin |

| | |
|------------------------------|---------------------------------------|
| Subject Code: | 2C02STA |
| Subject Name: | Statistical Methods |
| No. of Credits: | 3 |
| No. of Contact Hours: | 72 |
| Hours per Week: | 4 |
| Name of the Teacher: | Fathimathul Nithasha Beegam I. |

Objective: -

Student should be able to

- 1:** analyse the relation between two real life data.
- 2:** compute various index numbers and understand their importance in real life.
- 3:** acquire knowledge in time series data.
- 4:** compute mortality, fertility and infant mortality rate.

Module – I:

Unit I: Correlation analysis - concept of correlation, method of studying correlation, scatter diagram, Karl Pearson correlation coefficient, Spearman rank correlation coefficient (with and without ties) **(22 Hrs)**

Module – II:

Unit II: Regression analysis - Fitting of curves of the form linear, linear regression, regression equations (concept only), relation between correlation and regression coefficients. **(20 Hrs)**

Module – III:

Unit III: Index numbers and Time Series - Meaning and use of index numbers, simple and weighted index numbers, Laspeyer's, Paache's and Fisher's index numbers, Test for good index number, cost of living index number. Definition and use of time series, Components of time series, measurement of secular trend semi average, moving average and least square method (linear function only) **(20 Hrs)**

Module – IV:

Unit IV: Vital Statistics - Sources of vital statistics, rates and ratios, various measures of mortality and fertility-CDR, SDR, infant mortality rate, CBR, SBR, TFR, GRR, NRR age specific birth rate **(10 Hrs)**

Prescribed Textbook

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 | 18-11-2019 To 23-11-2019 | 1 | Introduction |
| | | 19 Nov | Union Inauguration |
| | | 2 | Module 1 – Correlation Analysis |
| | | 3 | Concept of Correlation |
| | | 4 | Concept of Correlation |
| | | 5 | Types of Correlation with examples |
| | | 23 Nov | Sports Day |
| 2 | 25-11-2019 To 29-11-2019 | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| 3 | 01-12-2019 To 05-12-2019 | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| 4 | 09-12-2019 To 13-12-2019 | 6 | Types of Correlation with examples |
| | | 7 | Types of Correlation with examples |
| | | 8 | Method of studying correlation |
| | | 9 | Method of studying correlation |
| | | 10 | Sample Problem Analysis |
| | | 11 | Sample Problem Analysis |
| | | 12 Dec | Arts Day |
| | | 13 Dec | Arts Day |
| 5 | 16-12-2019 To | 12 | Karl Pearson correlation coefficient |
| | | 13 | Problems and properties of correlation |
| | | 14 | Concept of Rank correlation |

| No of Weeks | Dates | Session | Topic |
|-------------|---|---------------|--|
| | 20-12-2019 | 15 | Concept of Rank correlation |
| | | 20 Dec | Christmas Celebration |
| 6 | 23-12-2019 To 28-12-2019 | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| 7 | 30-12-2019 To 03-01-2020 | 16 | Spearman Rank correlation coefficient |
| | | 17 | Problems of rank correlation |
| | | 18 | Unit test of first module |
| | | 19 | Important questions of first module discussion |
| | | 02 Jan | Mannam Jayanthi – Holiday |
| | | 20 | Revision |
| 8 | 06-01-2020 To 10-01-2020 | 21 | Exam |
| | | 22 | II – Regression Analysis |
| | | 23 | Fitting of Forms of linear regression |
| | | 24 | Principle of Least square method |
| | | 25 | Derivation and solving Problems |
| | | 26 | Derivation and solving Problems |
| 9 | 13-01-2020 To 17-01-2020 | 27 | Types of regression |
| | | 28 | Theorems and relationships between Correlation and regression. |
| | | 29 | Regression coefficients properties |
| | | 30 | Revision |
| | | 31 | Revision |
| | | 32 | Unit test -II module |
| 10 | 20-01-2020 To 24-01-2020 | 20 Jan | First Internal II Semester UG |
| | | | First Internal II Semester UG |
| | | 22 Jan | First Internal II Semester UG |
| | | 33 | III-Index numbers and Timeseries |
| | | 34 | Meaning and use of index numbers |
| | | 35 | Simple and weighted index numbers |
| 11 | 27-01-2020 To 31-01-2020 | 36 | Simple and weighted index numbers |
| | | 37 | Types of index numbers |
| | | 38 | Laspyer's index number |
| | | 39 | Problems of Laspyer 's index number |

| No of Weeks | Dates | Session | Topic |
|-------------|--------------------------------|---------|--|
| | | 40 | Problems of Laspyer 's index number |
| 12 | 03-02-2020 To 07-02-2020 | 41 | Problems of Laspyer 's index number |
| | | 42 | Fishers index numbers |
| | | 43 | Test for good index number |
| | | 44 | Cost of living index numbers |
| | | 45 | Cost of living index numbers |
| 13 | 10-02-2020 To 14-02-2020 | 46 | Definition and use of Time series |
| | | 47 | Concept and components of Time series |
| | | 48 | Concept and components of Time series |
| | | 49 | Measurements of secular trend |
| 14 | 17-02-2020 To 22-02-2020 | 50 | Problems of secular trend |
| | | 51 | Problems of secular trend |
| | | 52 | Moving average method and least sqaare method. |
| | | 21 Feb | Mahasivaratri – Holiday |
| | | 53 | Moving average method and least sqaare method. |
| 15 | 24-02-2020 To 28-02-2020 | 24 Feb | College Day |
| | | 54 | Problems of Least square |
| | | 55 | Problems of Least square |
| | | 56 | Revision |
| | | 57 | Unit test -III rd module |
| 16 | 02-03-2020 To 07-03-2020 | 58 | IV – Vital Statistics |
| | | 59 | Sources of vital statistics |
| | | 60 | Rates and ratios |
| | | 61 | Rates and ratios |
| | | 62 | Various measures of fertility |
| 17 | 09-03-2020 To 13-03-2020 | 63 | Problems of CBR,ASFR |
| | | 64 | Problems of CBR,ASFR |
| | | 65 | Various measures of mortality |
| | | 66 | Problems of CDR,ASDR |
| | | 67 | Problems of CDR,ASDR |
| 18 | 16-03-2020 To 20-03-2020 | 68 | GRR concept |
| | | 69 | NRR concept |
| | | 70 | Revision |
| | | 71 | Unit Test _ |
| | | 72 | Revision |
| 19 | 23-03-2020 To | 23 Mar | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |

| No of Weeks | Dates | Session | Topic |
|-------------|---|-----------------|---|
| | 27-03-2020 | | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| 20 | 30-03-2020 To 03-04-2020 | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| 21 | 06-04-2020 | 06 April | University Exam II Semester UG Begin |

| | |
|------------------------------|---------------------------------|
| Subject Code: | 2 C 02 PSY |
| Subject Name: | Physiological Psychology |
| No. of Credits: | 3 |
| No. of Contact Hours: | 72 |
| Hours per Week: | 4 |
| Name of the Teacher: | Sr. Leema Jacob |

Objective: -

- 1: Understand Chromosomal Anomalies & Disorders.
- 2: Analyze evolutionary and genetic perspectives of behavior
- 3: Describe sensory system and its functioning
- 4: Identify sensation in relation to perception.
- 5: Explain pain behaviour and common disorders related to sensory organs.

Module –I:

Unit I : Evolutionary & Genetic Perspectives of Behavior

Physiological psychology in brief, Evolution of behaviour – Darwin’s evolutionary theory, common misconcepts about evolution. Mendalian genetics – Gene, genotype & phenotype, dominant & recessive gene, chromosomes & crossing over, structure of chromosomes, autosomes and sex – linked gene, mutation, gene and behaviour.

Module – II:

Unit II : Chromosomal Anomalies & Disorders

Autosomal anomalies - Down syndrome, Edward syndrome, Cri du chat syndrome. Sex chromosomal anomalies - Klinefilters and Turners syndrome.

Module – III:

Unit III: Visual System

Stimulus for vision – physical & psychological dimension, structure of eye, receptors in the retina, structure and processing on the retina, receptive field, colour perception, theories of colour perception, coding of colour, colour blindness, disorders of visual system, visual attention.

Module – IV:

Unit IV: Auditory & Vestibular System

Auditory system: – nature of auditory stimuli- physical & psychological dimension, anatomy & function of auditory system, pitch perception, disorders of auditory system.
Vestibular system: – anatomy and function, disorders of vestibular system.

Module – V:

Unit 5: Somato-Sensory, Olfactory & Gustatory System

Olfactory system: – nature of odour, anatomy and function of olfactory system, disorders of olfactory system, accessory olfactory system, vomeronasal sensation & pheromones. Somatosensory system - somatosensory receptors, neural coding for touch; pressure; temperature, kinesthetic – coding position & movement. Pain stimuli, gate theory of pain, ways to relieving pain, sensitization of pain, disorders of somatosensory system. Gustatory system: – nature of taste stimuli, taste receptor – mechanism of taste receptor, taste coding in the brain, individual differences, disorders of taste system.

Prescribed Textbook

1. Levinthal, C. F. (1990). Introduction to physiological psychology (3rd ed.). USA: Pearson education, Inc.
2. Wagner, H., Silber, K. (2004). Physiological psychology. New York: BIOS Scientific publishers.
3. Wilson, J .F. (2003). Biological foundation of human behaviour. U S A : Wadsworth Thomson learning, Inc
4. Plomin, R., DeFries, J.C., McClearn, G.E., McGuffin, P. (2001). Behavioural genetics (4th ed). New York: Worth publishers

Books for Reference

1. Muhammed, J. (2005). Physiological psychology. New Delhi: APH Publishing corporation.
2. Pinel, J.P.J.(2007). Basics of psychology. USA: Pearson education, Inc

TEACHING SCHEDULE

| No of Weeks | Dates | Session | Topic |
|-------------|--------------------------------|---------|---|
| 1 | 18-11-2019 To 23-11-2019 | 1 | Course introduction |
| | | 19 Nov | Union Inauguration |
| | | 2 | Evolutionary & Genetic Perspectives of Behavior Physiological psychology in brief, Evolution of behaviour Darwin's evolutionary theory |
| | | 3 | Common misconcepts about evolution |
| | | 4 | Mendalian genetics |
| | | 5 | Gene |
| | | 23 Nov | Sports Day |
| 2 | 25-11-2019 To 29-11-2019 | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| 3 | 01-12-2019 To 05-12-2019 | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| | | | Semester Break |
| 4 | 09-12-2019 To 13-12-2019 | 6 | Genotype & phenotype |
| | | 7 | Dominant & recessive gene. |
| | | 8 | Chromosomes & crossing over |
| | | 9 | Structure of chromosomes |
| | | 10 | Autosomes and sex – linked gene |
| | | 11 | Mutation |
| | | 12 Dec | Arts Day |
| | | 13 Dec | Arts Day |

| No of Weeks | Dates | Session | Topic |
|-------------|--------------------------------|---------|--|
| 5 | 16-12-2019 To 20-12-2019 | 12 | Gene and behaviour |
| | | 13 | Revision |
| | | 14 | Class test |
| | | 15 | Chromosomal Anomalies & Disorders |
| | | 20 Dec | Christmas Celebration |
| 6 | 23-12-2019 To 28-12-2019 | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| | | | Christmas – Holiday |
| 7 | 30-12-2019 To 03-01-2020 | 16 | Autosomal anomalies |
| | | 17 | Down syndrome |
| | | 18 | Edward syndrome |
| | | 19 | Cri du chat syndrome |
| | | 02 Jan | Mannam Jayanthi – Holiday |
| | | 20 | Sex chromosomal anomalies |
| 8 | 06-01-2020 To 10-01-2020 | 21 | Klinefilters syndrome. |
| | | 22 | Turners syndrome. |
| | | 23 | Revison |
| | | 24 | Class test |
| | | 25 | Visual System |
| | | 26 | Stimulus for vision |
| 9 | 13-01-2020 To 17-01-2020 | 27 | Physical & psychological dimension |
| | | 28 | Structure of eye |
| | | 29 | Receptors in the retina |
| | | 30 | Structure and processing on the retina |
| | | 31 | Receptive field |
| | | 32 | Colour perception |
| 10 | 20-01-2020 To 24-01-2020 | 20 Jan | First Internal II Semester UG |
| | | | First Internal II Semester UG |
| | | 22 Jan | First Internal II Semester UG |
| | | 33 | Theories of colour perception |
| | | 34 | Coding of colour |
| | | 35 | Colour blindness |

| No of Weeks | Dates | Session | Topic |
|-------------|--------------------------------|---------|--|
| 11 | 27-01-2020 To 31-01-2020 | 36 | Disorders of visual system |
| | | 37 | Visual attention |
| | | 38 | Revision |
| | | 39 | Class test |
| | | 40 | Seminar presentation |
| 12 | 03-02-2020 To 07-02-2020 | 41 | |
| | | 42 | Seminar presentation |
| | | 43 | Seminar presentation |
| | | 44 | Auditory & Vestibular System |
| | | 45 | Auditory system |
| 13 | 10-02-2020 To 14-02-2020 | 46 | Nature of auditory stimuli |
| | | 47 | Physical & psychological dimension |
| | | 48 | Anatomy & function of auditory system |
| | | 49 | Pitch perception |
| 14 | 17-02-2020 To 22-02-2020 | 50 | Disorders of auditory system. |
| | | 51 | Vestibular system |
| | | 52 | Anatomy and function |
| | | 21 Feb | Mahasivaratri – Holiday |
| | | 53 | Disorders of vestibular system |
| 15 | 24-02-2020 To 28-02-2020 | 24 Feb | College Day |
| | | 54 | Somato-Sensory system |
| | | 55 | Olfactory & Gustatory System |
| | | 56 | Olfactory system |
| | | 57 | Nature of odour |
| 16 | 02-03-2020 To 07-03-2020 | 58 | Anatomy and function of olfactory system |
| | | 59 | Disorders of olfactory system |
| | | 60 | Accessory olfactory system |
| | | 61 | Vemoronasal sensation |
| | | 62 | Pheromones |
| 17 | 09-03-2020 To 13-03-2020 | 63 | Somato-sensory system |
| | | 64 | |
| | | 65 | Somatosensory receptors |
| | | 66 | Neural coding for touch |
| | | 67 | Pressure and temperature |
| 18 | 16-03-2020 | 68 | Kinesthetic – coding position & movement |

| No of Weeks | Dates | Session | Topic |
|-------------|---|-----------------|---|
| | To 20-03-2020 | 69 | Pain stimuli, gate theory of pain, ways to reliving pain |
| | | 70 | Sensitization of pain, disorders of somatosensory system. |
| | | 71 | Gustatory system: – nature of taste stimuli, taste receptor – mechanism of taste receptor |
| | | 72 | Taste coding in the brain, individual differences, disorders of taste system |
| 19 | 23-03-2020 To 27-03-2020 | 23 Mar | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| | | | Second Internal II Semester UG |
| 20 | 30-03-2020 To 03-04-2020 | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| 21 | 06-04-2020 | 06 April | University Exam II Semester UG Begin |