

1ST SEMESTER

Course Name: Fundamental Psychological Processes

Course Code: CC1 BBS 101

Contacts Hours / Week: 5L+1T

Credits: 6

Course Objectives: The course has been designed to provide knowledge and understanding of Psychology and its core processes. The learner will be able to understand, define, explain, illustrate and classify the psychological processes.

Course Outcomes (CO):

Sl	Course Outcome	Mapped modules
CO1	Orientation to the Behavioral Science and its core concept.	M1
CO2	Understanding the basic process of cognition like sensation and attention.	M1, M2
CO3	Illustration of higher cognitive processes, mainly learning and memory.	M2,M3
CO4	Explain the concept of organizing stimuli through the core mental process of perception.	M3, M4
CO5	Classification of psychological processes in order to explain object recognition.	M3, M4, M5
CO6	Psychophysics and use of the different methods used in it.	M4, M5, M6

Module Number	Content	Total Hours	%age of questions	Blooms Level (if applicable)	Remarks (If any)
Module 1	Orientation of Behavioural Sciences Definition, Nature, Branches, Methods and Schools of Psychology - (a) Structuralism, (b) Functionalism, (c) Gestalt School, (d) Psychodynamic, (e) Behaviouristic School, (e) Cognitive School, Role of Psychologist	7	10	1	NA
Module 2	Attention and Sensation Information Processing Approach: Attention, Sensory processes and Perception Determinants of attention; shift and fluctuation; Divided Attention, Sustained Attention, Distraction	10	20	1,2	NA
Module 3	Learning, Memory Nature and Factors of Learning, Laws of Learning, Theories: Trial & Error Conditioning – Classical & Operant; Insight, Social Learning Theory, Programmed Learning. Factors of Encoding, Storage & Retrieval, STM, LTM. Types of Memory. Forgetting: Nature, Curve of Forgetting, Causes of Forgetting	10	20	1,2	NA
Module 4	Perception and its Determinants; Perception of Form, Space, Movement and time. Optical illusions	12	15	1,2	NA
Module 5	Object Recognition Bottom -Up and Top-Down Processing, Face Perception	5	15	2,3	NA
Module 6	Introduction to Psychophysics Concepts of Sensory Thresholds. Psychophysics: Weber-Fechner Law Classical Methods: (i) Constant Method, (ii) Gradation Method, (iii) Method of Average Error	14	20	2,3	
		58	100		

Course Name: Lifespan Development

Course Code: CC2 BBS 102

Contacts Hours / Week: 5L+1T

Credits: 6

Course Objectives: The course has been designed to provide knowledge and understanding of the stages of development throughout the life of human being. The learner will be able to identify the appropriate developmental milestones as and when it is reached along with identification of any aberrations in the form of disabilities.

Course Outcomes (CO):

Sl	Course Outcome	Mapped modules
CO1	Learn about Definitions and Concepts of development and its classification.	M1
CO2	Explanation of features of Prenatal Development	M1, M2
CO3	Understanding the stages of development during infancy	M2, M3
CO4	Acquire knowledge about childhood development	M2, M3, M4
CO5	Gaining an understanding of the period of adolescence	M3, M4, M5
CO6	Develop a conceptual understanding of adulthood and old age.	M4, M5, M6

Module Number	Content	Total Hours	%age of questions	Blooms Level (if applicable)	Remarks (If any)
Module 1	Definition of growth, development and maturation, Classify the Characteristics, hazards, nature-nurture	4	10	1,2	NA
Module 2	Explanation of the features of Prenatal and Perinatal time period with their respective developmental features and hazards	6	10	1,2	NA
Module 3	Build knowledge about physical, motor, speech, cognitive, emotional, moral and social development in infancy and their respective hazards	10	20	1,2	NA
Module 4	Build knowledge about physical, motor, speech, cognitive, emotional, moral and social development in childhood and their respective hazards	10	15	2,3	NA
Module 5	Build knowledge about physical, motor, speech, cognitive, emotional, moral and social development in adolescence and their respective hazards	10	15	2,3	NA
Module 6	Develop understanding about physical, motor, speech, cognitive, emotional, moral and social development in adulthood and old age with their respective hazards	20	30	2,3	NA
		60	100		

Paper: English Communication

Code: BSM - 164

Contact Hours / Week: 2L

Credits: 2

Course: English Communication

Course Objective: The course is designed to develop the student's communicative competence in English by giving adequate exposure in the four communication skills - LSRW - listening, speaking, reading and writing and the related sub-skills, thereby, enabling the student to apply the acquired communicative proficiency in social and professional contexts.

Sl	Course Outcome	Mapped modules
1	Students will be able to Remember & Understand the basic concepts of the usage of English grammar & vocabulary in communication.	M1
2	Students will be able to Comprehend facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating the main ideas given in written texts.	M1,M2
3	Students will be able to Synthesise and Apply acquired linguistic knowledge in producing various types of written texts	M1, M3
4	Students will be able to Comprehend facts and ideas from aural inputs and Synthesise and Apply acquired linguistic knowledge in giving spoken response	M1, M4

Module Number	Content	Total Hours	%age of questions	Blooms Level (if applicable)	Remarks (If any)
M 1	Functional grammar & Vocabulary	2	10	1,2	NA
M 2	Reading Skills	2	20	1,2	NA
M 3	Writing Skills	8	40	2,3,4,	NA
M 4	Listening & Speaking Skills	8	30	2,3,4	NA
		20	100		

**Detail Syllabus
1st Semester**

Course Name: Fundamental Psychological Processes

Course Code: CC1 BBS 101

Contacts Hours / Week: 5L+1T

Credits:

Module 1 - Orientation of Behavioural Sciences Definition, Nature, Branches, Methods and Schools of Psychology - (a) Structuralism, (b) Functionalism,(c) Gestalt School, (d) Psychodynamic, (e) Behaviouristic School, (e) Cognitive School, Role of Psychologist <p style="text-align: right;">[Total Hours – 7]</p>
Module 2 - Attention and Sensation Information Processing Approach: Attention, Sensory processes and Perception Determinants of attention; shift, oscillation and fluctuation; Divided Attention, Sustained Attention, Distraction, Attributes of Sensation, <p style="text-align: right;">[Total Hours – 10]</p>
Module 3-Learning, Memory Nature and Factors of Learning, Laws of Learning, Theories: Trial & Error Conditioning – Classical & Operant; Insight, Social Learning Theory, Programmed Learning. Factors of Encoding, Storage & Retrieval, STM, LTM. Types of Memory. Forgetting: Nature, Curve of Forgetting, Causes of Forgetting <p style="text-align: right;">[Total Hours – 10]</p>
Module 4- Perception and its Determinants; Perception of Form, Space, Movement and time. Optical illusions, Subliminal Perception <p style="text-align: right;">[Total Hours – 12]</p>

<p>Module 5- Object Recognition Bottom -Up and Top-Down Processing, Face Perception [Total Hours – 5]</p>
<p>Module 6-Introduction to Psychophysics Concepts of Sensory Thresholds. Psychophysics: Weber-Fechner Law Classical Methods: (i) Constant Method, (ii) Gradation Method, (iii) Method of Average Error [Total Hours – 14]</p>

TEXT BOOKS

- Morgan, C. T., King, R. A., Weisz, J. R., & Schopler, J. (2006). Introduction to Psychology, 7th eds.
- Mangal , S. K. (2002). *Advanced educational psychology*. PHI Learning Pvt. Ltd..
- Goldstein, E. B. (2010). Sensation and perception. 8th International Edition. *Belmont, CA (US): Wadsworth*.
- *Psychology of Perception*. William N. Dember , Joel S. Warm
- Singh, A. K. (1986). *Tests, measurements and research methods in behavioural sciences*. Tata McGraw-Hill.

Course Name: Lifespan Development

Course Code: CC2 BBS 102

Contacts Hours / Week: 5L+1T

Credits: 6

Module 1-Definition of growth, Development and Maturation, Classify the Characteristics, Hazards, Nature-nurture <p style="text-align: right;">Total Hours- 4</p>
Module 2-Explanation of the features of Prenatal (Conception and Fertilization, Period of Zygote, Embryo and Fetus) and Perinatal time period with their respective developmental features and hazards <p style="text-align: right;">Total Hours-6</p>
Module 3-Build knowledge about Physical (Nervous System, Height, Weight, Physical proportion); Motor (Reflexes, Fine , Gross);speech, cognitive, emotional, moral and social development in infancy and their respective hazards <p style="text-align: right;">Total Hours-10</p>
Module 4-Build knowledge about physical, motor, speech, cognitive, emotional, moral and social development in childhood and their respective hazards <p style="text-align: right;">Total Hours-10</p>
Module 5-Build knowledge about physical, motor, speech, cognitive, emotional, moral and social development in adolescence and their respective hazards <p style="text-align: right;">Total Hours-10</p>
Module 6- Develop understanding about physical, motor, speech, cognitive, emotional, moral and social development in adulthood and old age with their respective hazards <p style="text-align: right;">Total Hours-20</p>

Suggested Readings

- Morgan, C. T., King, R. A., Weisz, J. R., & Schopler, J. (2006). Introduction to Psychology, 7th eds.
- Fredrickson, B., Loftus, G. R., Lutz, C., & Nolen-Hoeksema, S. (2014). *Atkinson and Hilgard's introduction to psychology*. Cengage Learning EMEA.
- Schultz, D. P., & Schultz, S. E. (2020). *Psychology and work today*. Routledge.
- Woodsworth, R. S., & Schlosberg, H. (1954). Experimental psychology (Rev. ed.). *New York: Holt*

TEXT BOOKS

1.

- Morgan, C. T., King, R. A., Weisz, J. R., & Schopler, J. (2006). Introduction to Psychology, 7th eds.
- Mangal , S. K. (2002). *Advanced educational psychology*. PHI Learning Pvt. Ltd..
- Goldstein, E. B. (2010). Sensation and perception. 8th International Edition. *Belmont, CA (US): Wadsworth*.
- *Psychology of Perception*. William N. Dember , Joel S. Warm
- Singh, A. K. (1986). *Tests, measurements and research methods in behavioural sciences*. Tata McGraw-Hill.

Paper: English Communication

Code: BBS - 164

Contact Hours / Week: 1L + 1T

Credits: 2

Module 1 – Functional Grammar & Vocabulary: Tense: Formation and application; Affirmative / Negative / Interrogative formation; Modals and their usage; Conditional sentences; Direct and indirect speech; Active and passive voice; usage of common phrasal verbs, synonyms & antonyms.

[Total Hours –02]

Module 2 - Reading Skills: Comprehension passages; reading and understanding articles from technical writing
Interpreting texts: analytic texts, descriptive texts, discursive texts; SQ3R reading strategy.

[Total Hours - 02]

Module 3 - Writing Skills: Writing business letters - enquiries, complaints, sales, adjustment, collection letters, replies to complaint & enquiry letters; Job applications, Résumé, Memo, Notice, Agenda, Reports – types & format. E-mail etiquette, advertisements

[Total Hours - 08]

Module 4 - Listening & Speaking

Listening: Listening process, Types of listening; Barriers in effective listening, strategies of effective listening

Speaking: Presentations, Extempore, Role-plays, GD, Interview

[Total Hours - 08]

Suggested readings:

1. Bhatnagar, M & Bhatnagar, N (2010) Communicative English for Engineers and Professionals. New Delhi: Pearson Education.
2. Raman, M & Sharma, S (2017) Technical Communication. New Delhi: OUP.
3. Kaul, Asha (2005) The Effective Presentation: Talk your way to success. New Delhi: SAGE Publication.
4. Sethi, J & Dhamija, P.V. (2001), A Course in Phonetics and Spoken English. New Delhi:PHI.
5. Murphy, Raymond (2015), English Grammar in Use. Cambridge: Cambridge University Press