## Members of Board of Studies of Psychology for Four Year Undergraduate Syllabus as Per the Guidelines of NEP-2020 of Binod Bihari Mahto Koyalanchal University, Dhanbad

1. Dr.Kavita Singh Associate Professor & Hread Uni.Dept. of Psychology BBMKU

2. Dr.Sudhinta Sinha Associate Professor Uni.Dept. of Psychology & Proctor,BBMKU

3. Dr. Meera Jaiswal(Retd.) Professor & Ex- Head Uni.Dept. of Psychology Ranchi University, Ranchi

4. Dr. Kirti
Professor & Head
Dept. of Psychology
College of Commerce, Patna

5. Dr. R.S. Yadav( Retd.)
Associate Professor & Ex- Head
Uni.Dept. of Psychology
BBMKU

-Chairperson

-Internal Membe

-External Member

-External Member

-Invited Member

(Dr.Kavita Singh)

Head

Uni.Dept. of Psychology BBMKU,Dhanbad



Meera Jayaswal<sub>(Pk.D., D.Lin.)</sub>
University Professor (Retd.)
Department of Psychology
Ranchi University Ranchi-834008, Jharkhand
Mobi: 8084269255 email: drmeeraru@gmail.com

Date 26.9.2022

To:

Dr. Kavita Singh Head University Department of Psychology B.P.M.K.U Dhanbad

Subject: Approval of Syllabus

Dear Madam,

The syllabus for Four Year Undergraduate Programme under NEP 2020 is approved.

Yours sincerely,

Meera Jayaswal)

Phone-cum-Fax: 0612-2350136 (O)

College of Commerce, Arts & Science Kankarbagh, Patna-800 020

[A Constituent unit of Patliputra University, Patna] NAAC Re-Accredited 'A' Grade with CGPA 3.10

Website: www.cocaspatna.ac.in; Email: principalcocaspatna@gmail.com

Ref.:....

Date: 26: 9.22.

To, Dr. Kavila Singh University Department of Reychology BBMKU, Dhanbad

Subject: regarding Approval of Syllabus

Dear Madam,

After going through the syllabus for Four Years Undergraduale Program in Psychology Of Bonod Bohari Mahte Koyalanchal University, Sharbas (Thankhard) under NEP-2020, I hereby give my approval for the same.

Yours Sincerely Cot: [PROF. KIRTI] HOD

# BINOD BIHARI MAHTO KOYALANCHAL UNIVERSITY, DHANBAD (JHARKHAND)



# FOUR YEARS UNDERGRADUATE PROGRAM IN PSYCHOLOGY

SYLLABUS: DISCIPLINE SPECIFIC CORE COURSE (DSCC)
FOR FIRST YEAR, SECOND YEAR, THIRD YEAR AND
INTRODUCTORY COURSE IN PSYCHOLOGY

## **AS PER NEP-2020**

YEAR OF IMPLIMENTATION: ACADEMIC YEAR 2022-2023

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## BINOD BIHARI MAHTO KOYALANCHAL UNIVERSITY, DHANBAD

## <u>Four Years Undergraduate Honours Program Structure in Psychology</u> Program Outcomes:

By the end of the Honours/Research Program in Psychology the students will be able:

- To explain the basic concepts in Psychology
- To understand the basic psychological processes and applications in everyday life.
- To understand the basic aspects of different branches and basic theories of Psychology.
- To demonstrate knowledge of the application of theories in Psychology
- To use various psychometric tools for assessment.
- To analyses the critical aspects in the process of diagnosis of mental health issues.
- Conduct asocial science research with focus on the methods of studying human behavior
- To foster interest in Psychology and create foundation for further studies in Psychology

## <u>Table:1-Semester - Wise Titles of the Papers in Four Year Undergraduate</u> <u>Honours/Research Program (Psychology)</u>

#### For Practical Subjects

Year	Semester	Paper- Code	Title of the Paper	Theory/Practical	Credits
1 <sup>st</sup>	I	IRC- PSY	Introduction to Psychology	Theory	3
			Major Papers		<u></u>
1 <sup>st</sup>	I	MJ-1	Foundations of Psychology	Theory+ Practical	4+2=6
	П	MJ-2	Bio-psychology	Theory+ Practical	4+2=6
2 <sup>nd</sup>	Ш	МЈ-3	Psychology of Individual Differences	Theory+ Practical	4+2=6
	IV	MJ-4	Development of Psychological Thoughts	Theory+ Practical	4+2=6
		MJ-5	Abnormal Psychology	Theory+ Practical	4+2=6
3 <sup>rd</sup>	V	MJ-6	Developmental Psychology	Theory Practical	4+2=6
		MJ-7	Research Methods in Psychology	Theory+ Practical	4+2=6
,	VI	MJ-8	Statistical Methods in Psychology	Theory+ Practical	4+2=6
		MJ-9	Social Psychology	Theory+ Practical	4+2=6
		Adv	ance Major Papers(Proposed	)	
4 <sup>th</sup>	VII	AMJ-I	A. Health Psychology	Theory+ Practical	4+2=6

			<del></del>	
		1		
	İ	C. Psychology of Criminal		
		Behaviour		
		(Select any one)		-
	AMJ-2	A. Clinical Psychology	Theory+ Practical	4+2=6
		B. Sports Psychology		
		C. Positive Psychology		
		(Select any one)		
VIII	AMJ-3	A. Environmental	Theory+ Practical	4+2=6
		Psychology		
		B. Human Resource		
		Management		
		C. Community Psychology		
		(Select any one)		
	AMJ-4	A. Counselling Psychology	Theory+ Practical	4+2=6
		B. Psychology and Social		
		Issues		
		C .Geriatic Psychology		
		,		
		Minor Papers in Psycholog	v	
Semester	Paper-	Title of the Paper		Credits
	Code	-	,	
IV	MN-1	Psychological Disorders	Theory+ Practical	4+2=6
V	MN-2	Psychology and Social Issues	Theory+ Practical	4+2=6
VI				4+2=6
		Behaviours	i i i i i i i i i i i i i i i i i i i	712-0
	Semester IV	VIII AMJ-3  AMJ-4  Semester Paper-Code IV MN-1  V MN-2	Behaviour (Select any one)  AMJ-2 A. Clinical Psychology B. Sports Psychology C. Positive Psychology (Select any one)  VIII AMJ-3 A. Environmental Psychology B. Human Resource Management C. Community Psychology (Select any one)  AMJ-4 A. Counselling Psychology B. Psychology and Social Issues C. Geriatic Psychology (Select any one)  Minor Papers in Psychology (Select any one)  Minor Papers in Psychology Title of the Paper Code  IV MN-1 Psychological Disorders  V MN-2 Psychology and Social Issues VI MN-3 Psychology of Criminal	C. Psychology of Criminal Behaviour (Select any one)  AMJ-2 A. Clinical Psychology B. Sports Psychology C. Positive Psychology (Select any one)  VIII AMJ-3 A. Environmental Psychology B. Human Resource Management C. Community Psychology (Select any one)  AMJ-4 A. Counselling Psychology B. Psychology and Social Issues C. Geriatic Psychology (Select any one)  Minor Papers in Psychology (Select any one)  Minor Papers in Psychology Theory+ Practical  Theory+ Practical  Theory+ Practical  Theory+ Practical  V MN-1 Psychology and Social Issues Theory+ Practical  Theory+ Practical  Theory+ Practical  Theory+ Practical  Theory+ Practical

Abbreviations: IRC-PSY-Introductory Regular Course-Psychology, ,MJ-Major,,MN-Minor,AMJ-Advance Major

#### TABLE: 2-PROGRAM STRUCTURE (First Year)

#### Semester-I

Course Code	Paper	Theory/ Practical	Semester Internal	End Semester	Total Marks	Credits
CC-1	Language and Communication Skills (Modern Indian Language including TRL)	Theory		100	100	6
CC-2	Understanding India	Theory	10	100	100	2
CC-3	Health and Wellness, Yoga Education, Sports and Fitness(Any One)	Theory		100	100	2
*IRC-1	Introductory Regular Course-1	Theory	<b>12</b>	100	100	3
IVS-1A	Introductory Vocational Studies	Theory	-	100	100	3
MJ-1	Major Paper-1	Theory	15	60	100	4
		Practical	-	25		2
otal=600						22

Abbreviations: CC- Common Courses, TRL-Tribal & Regional Language,,MJ-Major

## Syllabus For Undergraduate Certificate Programme

## **INTRODUCTORY REGULAR COURSE (PSYCHOLOGY)**

## Instructions to Question setter for End Semester Examination (ESE)

There will be two groups of questions. Group 'A' is compulsory which will contain three questions. Question no. 1 will be Very Short Type (Fill in the blanks, MCQ etc.) Consisting of ten questions of 1 mark each. Question No.2 and 3 will be Short Answer Type Questions of 5 marks each. Group B will contain descriptive type six questions of 20 marks each, out of which any four are to be answered. Only End Sem Exam will be conducted for this paper i.e. Introductory Regular Course.

	Subject: Psychology			
Paper Code: IRC -PSY Paper Title: Introduction to Psychology				
Credit: 3. 1Credit=15 Hours		Paper-IRC-Psychology(Open Elective)		
FM:100		PM: 40		

Course Outcomes: By the end of the introductory course in Psychology the students will be able to understand the basic psychological processes and its applications in everyday life. This course will enable students to understand the basic aspects of different branches and basic theories of Psychology. It may develop interest in Psychology and create foundation for further studies in Psychology.

#### **Unit 1:Introduction:**

- Definition, nature and subject matter of Psychology;
- Branches of psychology- Cognitive, Abnormal, Social, Developmental, Clinical, Educational
- Methods of psychology- Observation, Experimental and Interview Methods

#### **Unit 2: Sensory and Perceptual Processes:**

- Structure and Functions of Eye
- Structure and Functions of Eye Far
- Perception-Concept and Process
- Views on Perception: Gestalt and Behaviouristic

#### **Unit 3: Sensation and Attention:**

- Sensation: Definition and Characteristics
- Attention: Meaning and phenomena (span of attention, division of attention, fluctuation and distraction),
- Determinants : objective and subjective

#### Unit 4: Learning:

- Definition and Nature
- Methods of learning
- Theories of learning- Thorndike's Connectionism, Pavlov's Classical conditioning, Skinner's Operant conditioning,

#### **Unit 5:Memory:**

- Meaning and Nature of memory
- Types of memory-Sensory memory Semantic memory, STM and LTM; Difference between LTM and STM:
- Factors improving memory

#### Forgetting:

Concept, Nature and Causes

#### **BOOKS RECOMMENDED:**

- .1. Sing, A. K (2012). Adhunic Samanya Monavigyan. Patna: Motilal Banaridas. (In Hindi)
- 2. Suleman, Md. (2012): Adhunic Samanya Manougyan. Patna: Motilal Banarsidas. (In Hindi)
- .3 Baron, R.and Misra, G. (2013). Psychology. New Delhi: Pearson.
- 4.Robert Feldman (2011) Essentials of Understanding Psychology 10<sup>th</sup>Edition, ISBN-13-9781259003059/ISBN-10-1259003051
- 5. Morgan C.T., King R.A, WeissJ.Rad Schopler, J. (2012). (latestedition). Introduction to Psychology. TATAMcGraw Hill Education Pvt. New Delhi.
- 6. Mangal S.K(2000)General Psychology, New Delhi: Sterling Publishers Pvt.Ltd.
- 7. ShashiJain(Latestedition) Introduction To Psychology. NerwDelhi: Kalyani

Publishers.

## Syllabus For Undergraduate Certificate Programme

## SYLLABUS OF PSYCHOLOGY DISCPLINE SPECIFIC COURSE

#### SEMESTER-I MAJOR PAPER-1 Theory

## Instructions to Question Setter for End Semester Exam (ESE):

There will be two group of questions Group A is compulsory which will contain three questions. Question no, I will be very short answer type (MCQs, True/False, Fill in the blanks etc.) consisting of five questions of 1 mark each. Question nos. 2 and 3 will be short answer type of 5 marks each. Group B will contain Descriptive type five questions of 15 marks each, out of which any three are to answer.

Program/Class: Undergraduate Certificate	Year-First	Semester-1
Pap	er- Foundations of Ps	ychology
Paper Code:MJ-1		Core Compulsory
Credit: 4		1 Credit=15 hrs
FM=-75, SIE-15, ESE-60		PM=6+24= 30
Time:		SIE-1Hour
		ESE-3 Hours

#### **Unit 1:Introduction:**

- Emergence and Development of Psychology
- Definition and Goals of Psychology and subject matter of Psychology;
- Branches of psychology- Cognitive, Abnormal, Social, Developmental and Biopsychology,
- Methods of psychology-Psychology in modern India.

#### **Unit 2: Perception:**

- Concept and process
- Perceptual organization
- Role of attention in perception
- Perceptual sets
- Perceptual constancies
- Perception of Depth, Distance and Movement

#### Unit 3: Learning:

• Concept of learning

- Learning curve and methods of learning
- Theories of learning- Thorndike's Connectionism, Pavlov's Classical conditioning, Skinner's Operant conditioning, Kohler & Kafka's Insight theory and Observational Learning
- Digital learning; Self-regulated learning

#### Unit 4:Memory:

- Meaning and Nature of memory
- Types of memory-Sensory memory semantic memory, STM and LTM; Difference between LTM and STM:
- Factors improving memory
- Concept of Ebbinghause and Bartlett
- Forgetting:
- Concept, Nature and Causes
- Theories of Forgetting

#### Unit 5: Emotion:

- Meaning and Characteristics
- Development of Emotion
- Physiological correlates of Emotion
- Measurement of Emotion Galvanic Skin Response(GSR)

#### **BOOKS RECOMMENDED:**

- 1. Sing, A. K (2012). Adhunic Samanya Monavigyan. Patna: Motilal Banaridas. (In Hindi)
- 2. Suleman, Md. (2012): Adhunic Samany aManougyan. Patna: Motil 1 Banarsidas. (In Hindi)
- 3. Baron, R.and Misra, G. (2013). Psychology. New Delhi: Pearson.
- 4. Ciccarelli, S. K. and Meyer, G. E. (2010). Psychology. New Delhi Pearson Education.
- 5. Passer, M.W. and Smith, R.E. (2010). Psychology: The Science of mind and behavior. New Delhi: TataMcGraw-Hill.
- 6.Robert Feldman (2011) Essentials of Understanding Psychology 10<sup>th</sup>Edition, ISBN-13-9781259003059/ISBN-10-1259003051
- 7. Morgan C.T., King R.A, WeissJ.Rad Schopler, J. (2012). (latest edition). Introduction to psychology. TATA McGraw Hill Education Pvt. New Delhi.
- 8. Mangal S.K(2000)General Psychology, NewDelhi: Sterling Publishers Pvt.Ltd.
- 9. Shash iJain(Latest edition) Introduction to Psychology. New Delhi: Kalyani Publishers.

Semester-I	
Practical	
CourseTitle: Practical-(Discipline Specific Core,MJ-1)	Foundations of Psychology
Practical Hours:04hours per week hrs	CourseCredits:02, 1 Credit-30
Practical Full Marks:25Marks 10	Pass Marks:
Paper Code: MJ-1P	
Minimum 04Practicalto be conducted:	

- 1. Simple Method in Verbal learning
- 2. Serial Method in Verbal learning
- 3. Paired Associate Method in Verbal learning
- 4. Whole vs Part Method in Verbal learning
- 5. Massed vs distributed practice in Verbal learning

#### **SCHEME OF MARKS**

### 25 marks for end Sem exam will be divide das follows:

,	Plan and procedure	07
,	Conducting on experiment	08
,	Results and discussion	05
,	Viva	05
,	Total	25

#### **Reference Books:**

- 1. Mohsin, S.M. (1982). Experiments in Psychology. Patna: Motila lBanarsidas
- 2. Sulaiman, M. (1996). Manovigyanik Prayog AurP arikshan. Patna: Motilal Banarsidas.
- 3.Sinha,R.R.P(2001). Manovigyan me prayog, Parikchan aur Snakhiyeki.Patna: Bhart iBhawan
- 4.Singh, A.K. (2011). Uchchtar Manovigyanik Prayogaur Parikshan. Patna: Bharti Bhawan

#### TABLE: 3-PROGRAM STRUCTURE

## Semester-II

Course Code	Paper	Theory/ Practical	Semester Internal	End Semester	Total Marks	Credits
CC-4	Language and Communication Skills (English)	Theory	_	100	100	6
CC-5	Mathematical and Computational Thinking and Analysis	Theory	-	100	100	2
CC-6	Value Based Course/ Global Citizenship Education	Theory	-	100	100	2
IRC-2	Introductory Regular Course- 2/Vocational Studies	Theory	-	100	100	3
IVS-1A	Introductory Vocational Studies	Theory	•••	100	100	3
MJ-2	Major Paper-2	Theory	15	60	100	4
		Practical	-	25		2
				To	otal=600	22

Abbreviations: CC- Common Courses, IRC-Introductory Regular Course, MJ-Major

Total Credit for First Year- 22+22=44

#### **Exit Point-Undergraduate Certificate**

## Syllabus For Undergraduate Certificate Programme

## SYLLABUS OF PSYCHOLOGY DISCPLINE SPECIFIC COURSE

#### SEMESTER-II MAJOR PAPER-2 Theory

## Instructions to Question Setter for End Semester Exam (ESE):

There will be two group of questions Group A is compulsory which will contain three questions. Question no, I will be very short answer type (MCQs, True/False, Fill in the blanks etc.) consisting of five questions of I mark each. Question nos. 2 and 3 will be short answer type of 5 marks each. Group B will contain Descriptive type five questions of 15 marks each, out of which any three are to answer.

Program/Class: Undergraduate Certificate	Year-First	Semester-1I
Paper	- BIOPSYCHOLOGY	
Paper Code:MJ-2		Core Compulsory
Credit: 4		1 Credit=15 hrs
FM=-75, SIE-15, ESE-60		PM=6+24= 30
Time:		SIE-1Hour
		ESE-3 Hours

#### **Unit 1: Introduction to Biopsychology**

- Definition and Nature of Bio-Psychology;
- subject matter of Bio-Psychology
- Methods of Bio-Psychology
- Ethics in Bio-Psychology

#### **Unit 2: Neuron and Neural Conduction**

- Neuron -structure, types and Functions
- Nerve Impulse and Neural conduction
- Synapse and Synaptic transmission.
- Neurotransmitters

#### Unit 3: Nervous system

- Structure and function of Central Nervous System(CNS)
- Structure and function of Peripheral Nervous System(PNS)
- Methods of Studying Functions of Brain

#### **Unit 4: Endocrine System:**

- Endocrine Glands Concept and Type
- Structure and functions of endocrine Glands
- Abnormalities of major glands: Thyroid, Adrenal, Gonads, Pituitary, Pancreas and Pineal

#### Unit 5: Receptor, Effectors and Adjuster Mechanism

- Receptor Cells
- Effectors Cells
- Adjustor Cells

#### **BOOKS RECOMMENDED:**

- 1. Breedlove, S. M., Rosenzweig, M. R. and Watson, N. V. (2007). Biological Psychology: An introduction to behavioural ,cognitive ,and clinical neuroscience (5 Edition). Sunderland, Massachuset
- 2. Carlson, N. R. (2009) Foundations of Physiology(6<sup>th</sup>Edition). New Delhi: Pearson
- 3. Baron, R.and Misra, G. (2013). Psychology. New Delhi: Pearson.
- 4. Pinel, J.P. (2011). Biopsychology (8<sup>th</sup>Edition). New Delhi: Pearson Education. New Delhi: Tata McGraw-Hill.
- 5. Singh, A.K. (2014). Neuro-psychology. Patna: Motilal Banarsidas.
- 6. Carlson, Neil, R(2008) Foundations of Physiological Psychology, Pearson Education India.

#### Semester-II

#### Practical

#### Course Title: Practical- (Discipline Specific Core, MJ-2)

Biopsychology

#### Practical Hours:04hours per week

CourseCredits:02, 1 Credit-30 hrs

#### **Practical Full Marks:25 Marks**

Pass Marks: 10

Paper Code: MJ-2P

## Minimum 04 Practical to be conducted, 02 From Group 'A' and 02 from Group 'B'

#### Group 'A': Sensory-Motor Learning-

- 1. Effect of Practice in Sensory Motor Learning
- 2. Bilateral transfer of training or Positive Transfer
- 3. Habit Interference or Negative Transfer

#### Group 'B': Sensation, Perception and Illusion

- 4. Determination of two point threshold by method of limit
- 5. Effect of fatigue on RL
- 6. Mullar-Layer Illusion by method of average error

### **SCHEME OFMARKS**

### 25marks for end Sem exam will be divided as follows:

	Plan and procedure	07
,	Conducting one experiment	08
,	Results and discussion	05
,	Viva	05
,	Total	25

#### Reference Books:

- 1. Mohsin, S.M. (1982). Experiments in Psychology. Patna: Motila lBanarsidas
- 2. Sulaiman, M. (1996). Manovigyani kPrayo gAurParikshan. Patna: Motilal Banarsidas.
- 3.Sinha,R.R.P(2001). Manovigyan me prayog,Parikchanaur Snakhiyeki.Patna: Bhart iBhawan
- 4. Singh, A.K. (2011). Uchchtar Manovigyanik Prayogaur Parikshan. Patna: Bharti Bhawan

## TABLE: 4-PROGRAM STRUCTURE (Second Year)

#### Semester-III

Course Code	Paper	Theory/ Practical	Semester Internal	End Semester	Total Marks	Credits
CC-7	Environmental Studies	Theory	-	100	100	3
CC-8	Digital Education	Theory	•	100	100	3
CC-9	Community Engagement-NCC/NSS	Theory	-	100	100	3
IRC-3	Introductory Regular Course-3	Theory	-		100	+ 3
I/P	Internship/Project			100	100	4
MJ-3	Major Paper-3	Theory	15	60	100	4
		Practical	-	25		2
	L		1	To	tal=600	22

Abbreviations: CC- Common Courses, IRC-Introductory Regular Course, I/P- Internship/Project